

# WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Monday, February 28, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L97	L96 AND semaphorin	82
<input type="checkbox"/>	L96	L95 AND tumor suppressor gene	947
<input type="checkbox"/>	L95	L94 AND oncogene	3318
<input type="checkbox"/>	L94	L93 AND human	5590
<input type="checkbox"/>	L93	L92 AND overexpression	5620
<input type="checkbox"/>	L92	lung tumor OR lung cancer	21565
<input type="checkbox"/>	L91	Wood.IN.	29567
<input type="checkbox"/>	L90	Wood-W.IN.	41
<input type="checkbox"/>	L89	Wood-William.IN.	34
<input type="checkbox"/>	L88	Wood-W-I.IN.	1873
<input type="checkbox"/>	L87	Wood-William-I.IN.	1989
<input type="checkbox"/>	L86	Williams.IN.	522401
<input type="checkbox"/>	L85	Williams-P.IN.	121
<input type="checkbox"/>	L84	Williams-P-M.IN.	425
<input type="checkbox"/>	L83	Williams-P-Mickey.IN.	372
<input type="checkbox"/>	L82	Watanabe.IN.	172605
<input type="checkbox"/>	L81	Watanabe-C.IN.	40
<input type="checkbox"/>	L80	Watanabe-Colin.IN.	11
<input type="checkbox"/>	L79	Watanabe-C-K.IN.	1580
<input type="checkbox"/>	L78	Watanabe-Colin-K.IN.	1579
<input type="checkbox"/>	L77	Tumas.IN.	2050
<input type="checkbox"/>	L76	L74	839
<input type="checkbox"/>	L75	L74	839
<input type="checkbox"/>	L74	Tumas-D.IN.	839
<input type="checkbox"/>	L73	Tumas-Daniel.IN.	863
<input type="checkbox"/>	L72	Stewart.IN.	22716
<input type="checkbox"/>	L71	Stewart-T.IN.	51
<input type="checkbox"/>	L70	Stewart-Timothy.IN.	7
<input type="checkbox"/>	L69	Stewart-T-A.IN.	829
<input type="checkbox"/>	L68	Stewart-Timothy-A.IN.	827
<input type="checkbox"/>	L67	Smith.IN.	118906
<input type="checkbox"/>	L66	Smith-V.IN.	1294
<input type="checkbox"/>	L65	Smith-Victoria.IN.	1293

h e b b cg b chh e f c e c ch

<input type="checkbox"/>	L64	Roy.IN.	49492
<input type="checkbox"/>	L63	Roy-M.IN.	79
<input type="checkbox"/>	L62	Roy-M-A.IN.	380
<input type="checkbox"/>	L61	Roy-Margaret.IN.	7
<input type="checkbox"/>	L60	Roy-Margaret-A.IN.	7
<input type="checkbox"/>	L59	Roy-Margaret-Ann.IN.	382
<input type="checkbox"/>	L58	Paoni.IN.	698
<input type="checkbox"/>	L57	Paoni-N.IN.	0
<input type="checkbox"/>	L56	Paoni-Nicholas.IN.	0
<input type="checkbox"/>	L55	Paoni-N-F.IN.	343
<input type="checkbox"/>	L54	Paoni-Nicholas-F.IN.	346
<input type="checkbox"/>	L53	Pan.IN.	10466
<input type="checkbox"/>	L52	Pan-J.IN.	1460
<input type="checkbox"/>	L51	Pan-James.IN.	927
<input type="checkbox"/>	L50	Hillan.IN.	712
<input type="checkbox"/>	L49	Hillan-K.IN.	26
<input type="checkbox"/>	L48	Hillan-Kenneth.IN.	26
<input type="checkbox"/>	L47	Hillan-K-J.IN.	328
<input type="checkbox"/>	L46	Hillan-Kenneth-J.IN.	325
<input type="checkbox"/>	L45	Gurney.IN.	4663
<input type="checkbox"/>	L44	Gurney-A.IN.	40
<input type="checkbox"/>	L43	Gurney-A-L.IN.	1838
<input type="checkbox"/>	L42	Gurney-A.IN.	40
<input type="checkbox"/>	L41	Gurney-Austin.IN.	63
<input type="checkbox"/>	L40	Gurney-Austin-L.IN.	1906
<input type="checkbox"/>	L39	Grimaldi.IN.	1761
<input type="checkbox"/>	L38	Grimaldi-J.IN.	11
<input type="checkbox"/>	L37	Grimaldi-J-C.IN.	727
<input type="checkbox"/>	L36	Grimaldi-J-Christopher.IN.	732
<input type="checkbox"/>	L35	Godowski.IN.	3444
<input type="checkbox"/>	L34	Godowski-P.IN.	10
<input type="checkbox"/>	L33	Godowski-Paul.IN.	14
<input type="checkbox"/>	L32	Godowski-P-J.IN.	1674
<input type="checkbox"/>	L31	Godowski-Paul-J.IN.	1734
<input type="checkbox"/>	L30	Goddard.IN.	5902
<input type="checkbox"/>	L29	Goddard-A.IN.	1869
<input type="checkbox"/>	L28	Goddard-Audrey.IN.	1951
<input type="checkbox"/>	L27	Gao.IN.	8662
<input type="checkbox"/>	L26	Gao-Wei.IN.	20
<input type="checkbox"/>	L25	Gao-W.IN.	1010

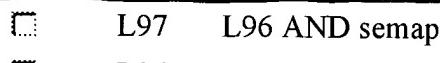
<input type="checkbox"/>	L24	Gao-Wei-Q.IN.	0
<input type="checkbox"/>	L23	Gao-Wei-Qiang.IN.	730
<input type="checkbox"/>	L22	Fong.IN.	4266
<input type="checkbox"/>	L21	Fong-S.IN.	4266
<input type="checkbox"/>	L20	Fong-Sherman.IN.	505
<input type="checkbox"/>	L19	Ferrara.IN.	1582
<input type="checkbox"/>	L18	Ferrara-N.IN.	413
<input type="checkbox"/>	L17	Ferrara-Napoleone.IN.	434
<input type="checkbox"/>	L16	Eaton.IN.	5157
<input type="checkbox"/>	L15	Eaton-D.IN.	7
<input type="checkbox"/>	L14	Eaton-Dan.IN.	1
<input type="checkbox"/>	L13	Eaton-D-L.IN.	650
<input type="checkbox"/>	L12	Eaton-Dan-L.IN.	640
<input type="checkbox"/>	L11	Desnoyers.IN.	3048
<input type="checkbox"/>	L10	Desnoyers-L.IN.	1435
<input type="checkbox"/>	L9	Desnoyers-Luc.IN.	1445
<input type="checkbox"/>	L8	Botstein.IN.	797
<input type="checkbox"/>	L7	Botstein-D.IN.	378
<input type="checkbox"/>	L6	Botstein-David.IN.	392
<input type="checkbox"/>	L5	Baker.IN.	26287
<input type="checkbox"/>	L4	Baker-K.IN.	56
<input type="checkbox"/>	L3	Baker-K-P.IN.	1529
<input type="checkbox"/>	L2	Baker-Kevin.IN.	11
<input type="checkbox"/>	L1	(Baker-Kevin-P.IN.)	1556

END OF SEARCH HISTORY

# WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Monday, February 28, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L107	L106 AND semaphorin	10
<input type="checkbox"/>	L106	L105 AND L96	177
<input type="checkbox"/>	L105	536/23.1,23.4,23.5.CCLS.	19622
<input type="checkbox"/>	L104	L103 AND semaphorin	72
<input type="checkbox"/>	L103	L102 AND L96	282
<input type="checkbox"/>	L102	435/252.3,254.2,325.CCLS.	23732
			
			
			
			
<input type="checkbox"/>	L97	L96 AND semaphorin	82
<input type="checkbox"/>	L96	L95 AND tumor suppressor gene	947
<input type="checkbox"/>	L95	L94 AND oncogene	3318
<input type="checkbox"/>	L94	L93 AND human	5590
<input type="checkbox"/>	L93	L92 AND overexpression	5620
<input type="checkbox"/>	L92	lung tumor OR lung cancer	21565
<input type="checkbox"/>	L91	Wood.IN.	29567
<input type="checkbox"/>	L90	Wood-W.IN.	41
<input type="checkbox"/>	L89	Wood-William.IN.	34
<input type="checkbox"/>	L88	Wood-W-I.IN.	1873
<input type="checkbox"/>	L87	Wood-William-I.IN.	1989
<input type="checkbox"/>	L86	Williams.IN.	522401
<input type="checkbox"/>	L85	Williams-P.IN.	121
<input type="checkbox"/>	L84	Williams-P-M.IN.	425
<input type="checkbox"/>	L83	Williams-P-Mickey.IN.	372
<input type="checkbox"/>	L82	Watanabe.IN.	172605
<input type="checkbox"/>	L81	Watanabe-C.IN.	40
<input type="checkbox"/>	L80	Watanabe-Colin.IN.	11
<input type="checkbox"/>	L79	Watanabe-C-K.IN.	1580
<input type="checkbox"/>	L78	Watanabe-Colin-K.IN.	1579
<input type="checkbox"/>	L77	Tumas.IN.	2050
<input type="checkbox"/>	L76	L74	839
<input type="checkbox"/>	L75	L74	839

h e b      b cg b      chh      e      f c      e c ch

<input type="checkbox"/>	L74	Tumas-D.IN.	839
<input type="checkbox"/>	L73	Tumas-Daniel.IN.	863
<input type="checkbox"/>	L72	Stewart.IN.	22716
<input type="checkbox"/>	L71	Stewart-T.IN.	51
<input type="checkbox"/>	L70	Stewart-Timothy.IN.	7
<input type="checkbox"/>	L69	Stewart-T-A.IN.	829
<input type="checkbox"/>	L68	Stewart-Timothy-A.IN.	827
<input type="checkbox"/>	L67	Smith.IN.	118906
<input type="checkbox"/>	L66	Smith-V.IN.	1294
<input type="checkbox"/>	L65	Smith-Victoria.IN.	1293
<input type="checkbox"/>	L64	Roy.IN.	49492
<input type="checkbox"/>	L63	Roy-M.IN.	79
<input type="checkbox"/>	L62	Roy-M-A.IN.	380
<input type="checkbox"/>	L61	Roy-Margaret.IN.	7
<input type="checkbox"/>	L60	Roy-Margaret-A.IN.	7
<input type="checkbox"/>	L59	Roy-Margaret-Ann.IN.	382
<input type="checkbox"/>	L58	Paoni.IN.	698
<input type="checkbox"/>	L57	Paoni-N.IN.	0
<input type="checkbox"/>	L56	Paoni-Nicholas.IN.	0
<input type="checkbox"/>	L55	Paoni-N-F.IN.	343
<input type="checkbox"/>	L54	Paoni-Nicholas-F.IN.	346
<input type="checkbox"/>	L53	Pan.IN.	10466
<input type="checkbox"/>	L52	Pan-J.IN.	1460
<input type="checkbox"/>	L51	Pan-James.IN.	927
<input type="checkbox"/>	L50	Hillan.IN.	712
<input type="checkbox"/>	L49	Hillan-K.IN.	26
<input type="checkbox"/>	L48	Hillan-Kenneth.IN.	26
<input type="checkbox"/>	L47	Hillan-K-J.IN.	328
<input type="checkbox"/>	L46	Hillan-Kenneth-J.IN.	325
<input type="checkbox"/>	L45	Gurney.IN.	4663
<input type="checkbox"/>	L44	Gurney-A.IN.	40
<input type="checkbox"/>	L43	Gurney-A-L.IN.	1838
<input type="checkbox"/>	L42	Gurney-A.IN.	40
<input type="checkbox"/>	L41	Gurney-Austin.IN.	63
<input type="checkbox"/>	L40	Gurney-Austin-L.IN.	1906
<input type="checkbox"/>	L39	Grimaldi.IN.	1761
<input type="checkbox"/>	L38	Grimaldi-J.IN.	11
<input type="checkbox"/>	L37	Grimaldi-J-C.IN.	727
<input type="checkbox"/>	L36	Grimaldi-J-Christopher.IN.	732
<input type="checkbox"/>	L35	Godowski.IN.	3444

<input type="checkbox"/>	L34	Godowski-P.IN.	10
<input type="checkbox"/>	L33	Godowski-Paul.IN.	14
<input type="checkbox"/>	L32	Godowski-P-J.IN.	1674
<input type="checkbox"/>	L31	Godowski-Paul-J.IN.	1734
<input type="checkbox"/>	L30	Goddard.IN.	5902
<input type="checkbox"/>	L29	Goddard-A.IN.	1869
<input type="checkbox"/>	L28	Goddard-Audrey.IN.	1951
<input type="checkbox"/>	L27	Gao.IN.	8662
<input type="checkbox"/>	L26	Gao-Wei.IN.	20
<input type="checkbox"/>	L25	Gao-W.IN.	1010
<input type="checkbox"/>	L24	Gao-Wei-Q.IN.	0
<input type="checkbox"/>	L23	Gao-Wei-Qiang.IN.	730
<input type="checkbox"/>	L22	Fong.IN.	4266
<input type="checkbox"/>	L21	Fong-S.IN.	4266
<input type="checkbox"/>	L20	Fong-Sherman.IN.	505
<input type="checkbox"/>	L19	Ferrara.IN.	1582
<input type="checkbox"/>	L18	Ferrara-N.IN.	413
<input type="checkbox"/>	L17	Ferrara-Napoleone.IN.	434
<input type="checkbox"/>	L16	Eaton.IN.	5157
<input type="checkbox"/>	L15	Eaton-D.IN.	7
<input type="checkbox"/>	L14	Eaton-Dan.IN.	1
<input type="checkbox"/>	L13	Eaton-D-L.IN.	650
<input type="checkbox"/>	L12	Eaton-Dan-L.IN.	640
<input type="checkbox"/>	L11	Desnoyers.IN.	3048
<input type="checkbox"/>	L10	Desnoyers-L.IN.	1435
<input type="checkbox"/>	L9	Desnoyers-Luc.IN.	1445
<input type="checkbox"/>	L8	Botstein.IN.	797
<input type="checkbox"/>	L7	Botstein-D.IN.	378
<input type="checkbox"/>	L6	Botstein-David.IN.	392
<input type="checkbox"/>	L5	Baker.IN.	26287
<input type="checkbox"/>	L4	Baker-K.IN.	56
<input type="checkbox"/>	L3	Baker-K-P.IN.	1529
<input type="checkbox"/>	L2	Baker-Kevin.IN.	11
<input type="checkbox"/>	L1	(Baker-Kevin-P.IN.)	1556

END OF SEARCH HISTORY



National  
Library  
of Medicine

My NC  
[Sign In] [Regis]

Entrez	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	PMC	Journals	Book	
Search <b>PubMed</b>		for <b>lung tumor AND overexpression AND human AND</b>						<b>Go</b>	<b>Clear</b>	<b>Save Sea</b>

Limits Preview/Index History Clipboard Details

About Entrez Display Summary Show: 500 Sort Send to Text

All: 195 Review: 12

Items 1 - 195 of 195

One page.

- 1: [Rosell R, Taron M, Sanchez JM, Moran T, Reguart N, Besse B, Isla D, Massuti B, Alberola V, Sanchez JJ.](#) Related Articles, Links

The promise of pharmacogenomics: gemcitabine and pemetrexed.  
Oncology (Huntingt). 2004 Nov;18(13 Suppl 8):70-6. Review.  
PMID: 15655942 [PubMed - indexed for MEDLINE]

- 2: [Wang YC, Lin RK, Tan YH, Chen JT, Chen CY, Wang YC.](#) Related Articles, Links

Wild-type p53 overexpression and its correlation with MDM2 and p14ARF alterations: an alternative pathway to non-small-cell lung cancer.  
J Clin Oncol. 2005 Jan 1;23(1):154-64.  
PMID: 15625370 [PubMed - indexed for MEDLINE]

- 3: [Nanda A, Buckhaults P, Seaman S, Agrawal N, Boutin P, Shankara S, Nacht M, Teicher B, Stampfl J, Singh S, Vogelstein B, Kinzler KW, St Croix B.](#) Related Articles, Links

Identification of a binding partner for the endothelial cell surface proteins TEM7 and TEM7R.  
Cancer Res. 2004 Dec 1;64(23):8507-11.  
PMID: 15574754 [PubMed - indexed for MEDLINE]

- 4: [Liu Y, Chen Q, Zhang JT.](#) Related Articles, Links

Tumor suppressor gene 14-3-3sigma is down-regulated whereas the proto-oncogene translation elongation factor 1delta is up-regulated in non-small cell lung cancers as identified by proteomic profiling.  
J Proteome Res. 2004 Jul-Aug;3(4):728-35.  
PMID: 15359725 [PubMed - indexed for MEDLINE]

- 5: [Pakunlu RI, Wang Y, Tsao W, Pozharov V, Cook TJ, Minko T.](#) Related Articles, Links

Enhancement of the efficacy of chemotherapy for lung cancer by simultaneous suppression of multidrug resistance and antiapoptotic cellular defense: novel multicomponent delivery system.  
Cancer Res. 2004 Sep 1;64(17):6214-24.  
PMID: 15342407 [PubMed - indexed for MEDLINE]

- 6: [Gomyo Y, Sasaki J, Branch C, Roth JA, Mukhopadhyay T.](#) Related Articles, Links

5-aza-2'-deoxycytidine upregulates caspase-9 expression cooperating with p53-induced apoptosis in human lung cancer cells.  
Oncogene. 2004 Sep 2;23(40):6779-87.  
PMID: 15273730 [PubMed - indexed for MEDLINE]

- 7: [Hsu HS, Wang YC, Tseng RC, Chang JW, Chen JT, Shih CM, Chen CY, Wang YC.](#) Related Articles, Links

5' cytosine-phospho-guanine island methylation is responsible for p14ARF inactivation and inversely correlates with p53 overexpression in resected non-small cell lung cancer.

- Clin Cancer Res. 2004 Jul 15;10(14):4734-41.  
PMID: 15269146 [PubMed - indexed for MEDLINE]
- 8: Fujinori S, Abe Y, Nishi M, Hamamoto A, Inoue Y, Ohnishi Y, Nishime C, Matsumoto H, Yamazaki H, Kijima H, Ueyama Y, Inoue H, Nakamura M. Related Articles, Links
- The subunits of glutamate cysteine ligase enhance cisplatin resistance in human non-small cell lung cancer xenografts in vivo.  
Int J Oncol. 2004 Aug;25(2):413-8.  
PMID: 15254739 [PubMed - indexed for MEDLINE]
- 9: Aljada IS, Ramnath N, Donohue K, Harvey S, Brooks JJ, Wiseman SM, Khouri T, Loewen G, Slocum HK, Anderson TM, Bepler G, Tan D. Related Articles, Links
- Upregulation of the tissue inhibitor of metalloproteinase-1 protein is associated with progression of human non-small-cell lung cancer.  
J Clin Oncol. 2004 Aug 15;22(16):3218-29. Epub 2004 Jul 12.  
PMID: 15249585 [PubMed - indexed for MEDLINE]
- 10: Chang YS, Wang L, Suh YA, Mao L, Karpen SJ, Khuri FR, Hong WK, Lee HY. Related Articles, Links
- Mechanisms underlying lack of insulin-like growth factor-binding protein-3 expression in non-small-cell lung cancer.  
Oncogene. 2004 Aug 26;23(39):6569-80.  
PMID: 15247904 [PubMed - indexed for MEDLINE]
- 11: Martey CA, Pollock SJ, Turner CK, O'Reilly KM, Baglioni CJ, Phipps RP, Sime PJ. Related Articles, Links
- Cigarette smoke induces cyclooxygenase-2 and microsomal prostaglandin E2 synthase in human lung fibroblasts: implications for lung inflammation and cancer.  
Am J Physiol Lung Cell Mol Physiol. 2004 Nov;287(5):L981-91. Epub 2004 Jul 02.  
PMID: 15234907 [PubMed - indexed for MEDLINE]
- 12: Gillette JM, Chan DC, Nielsen-Preiss SM. Related Articles, Links
- Annexin 2 expression is reduced in human osteosarcoma metastases.  
J Cell Biochem. 2004 Jul 1;92(4):820-32.  
PMID: 15211578 [PubMed - indexed for MEDLINE]
- 13: Shintani Y, Higashiyama S, Ohta M, Hirabayashi H, Yamamoto S, Yoshimatsu T, Matsuda H, Matsuura N. Related Articles, Links
- Overexpression of ADAM9 in non-small cell lung cancer correlates with brain metastasis.  
Cancer Res. 2004 Jun 15;64(12):4190-6.  
PMID: 15205330 [PubMed - indexed for MEDLINE]
- 14: Boonstra R, Timmer-Bosscha H, van Echten-Arends J, van der Kolk DM, van den Berg A, de Jong B, Tew KD, Poppema S, de Vries EG. Related Articles, Links
- Mitoxantrone resistance in a small cell lung cancer cell line is associated with ABCA2 upregulation.  
Br J Cancer. 2004 Jun 14;90(12):2411-7.  
PMID: 15150577 [PubMed - indexed for MEDLINE]
- 15: Erez A, Perelman M, Hewitt SM, Cojacaru G, Goldberg I, Shahar I, Yaron P, Muler I, Campaner S, Amariglio N, Rechavi G, Kirsch IR, Krupsky M, Kaminski N, Israeli S. Related Articles, Links
- Sil overexpression in lung cancer characterizes tumors with increased mitotic activity.  
Oncogene. 2004 Jul 8;23(31):5371-7.  
PMID: 15107824 [PubMed - indexed for MEDLINE]

- 16: [Lu B, Mu Y, Cao C, Zeng F, Schneider S, Tan J, Price J, Chen J, Freeman M, Hallahan DE](#) Related Articles, Links  
Survivin as a therapeutic target for radiation sensitization in lung cancer.  
Cancer Res. 2004 Apr 15;64(8):2840-5.  
PMID: 15087401 [PubMed - indexed for MEDLINE]
- 17: [Finkle D, Quan ZR, Asghari V, Kloss J, Ghaboosi N, Mai E, Wong WL, Hollingshead P, Schwall R, Koeppen H, Erickson S](#) Related Articles, Links  
HER2-targeted therapy reduces incidence and progression of midlife mammary tumors in female murine mammary tumor virus huHER2-transgenic mice.  
Clin Cancer Res. 2004 Apr 1;10(7):2499-511.  
PMID: 15073130 [PubMed - indexed for MEDLINE]
- 18: [Zhu CQ, Blackhall FH, Pintilie M, Iyengar P, Liu N, Ho J, Chomiak T, Lau D, Winton T, Shepherd FA, Tsao MS](#) Related Articles, Links  
Skp2 gene copy number aberrations are common in non-small cell lung carcinoma, and its overexpression in tumors with ras mutation is a poor prognostic marker.  
Clin Cancer Res. 2004 Mar 15;10(6):1984-91.  
PMID: 15041716 [PubMed - indexed for MEDLINE]
- 19: [Imai MA, Oda Y, Oda M, Nakanishi I, Kawahara E](#) Related Articles, Links  
Overexpression of E2F1 associated with LOH at RB locus and hyperphosphorylation of RB in non-small cell lung carcinoma.  
J Cancer Res Clin Oncol. 2004 Jun;130(6):320-6. Epub 2004 Mar 03.  
PMID: 14997382 [PubMed - indexed for MEDLINE]
- 20: [Rosell R, Taron M, Ariza A, Barnadas A, Mate JL, Reguart N, Margel M, Felip E, Mendez P, Garcia-Campelo R](#) Related Articles, Links  
Molecular predictors of response to chemotherapy in lung cancer.  
Semin Oncol. 2004 Feb;31(1 Suppl 1):20-7. Review.  
PMID: 14981577 [PubMed - indexed for MEDLINE]
- 21: [Friedman RS, Bangur CS, Zasloff EJ, Fan L, Wang T, Watanabe Y, Kalos M](#) Related Articles, Links  
Molecular and immunological evaluation of the transcription factor SOX-4 as a lung tumor vaccine antigen.  
J Immunol. 2004 Mar 1;172(5):3319-27.  
PMID: 14978140 [PubMed - indexed for MEDLINE]
- 22: [Iwamoto M, Banerjee D, Menon LG, Jurkiewicz A, Rao PH, Kemeny NE, Fong Y, Jhanwar SC, Gorlick R, Bertino JR](#) Related Articles, Links  
Overexpression of E2F-1 in lung and liver metastases of human colon cancer is associated with gene amplification.  
Cancer Biol Ther. 2004 Apr;3(4):395-9. Epub 2004 Apr 29.  
PMID: 14726656 [PubMed - indexed for MEDLINE]
- 23: [Mu YM, Oba K, Yanase T, Ito T, Ashida K, Goto K, Morinaga H, Ikuyama S, Takayanagi R, Nawata H](#) Related Articles, Links  
Human pituitary tumor transforming gene (hPTTG) inhibits human lung cancer A549 cell growth through activation of p21(WAF1/CIP1).  
Endocr J. 2003 Dec;50(6):771-81.  
PMID: 14709851 [PubMed - indexed for MEDLINE]
- 24: [Yamamoto K, Katayose Y, Suzuki M, Unno M, Sasaki T, Mizuma M, Shiraso S, Ohtuka H, Cowan KH, Seth P, Matsuno S](#) Related Articles, Links  
Adenovirus expressing p27KIP1 induces apoptosis against cholangiocarcinoma cells by triggering Fas ligand on the cell surface.  
Hepatogastroenterology. 2003 Nov-Dec;50(54):1847-53.

- PMID: 14696417 [PubMed - indexed for MEDLINE]
- 25: [Toyosawa K, Tanaka K, Imai T, Yasuhara K, Koujitani T, Hirose M, Mitsumori K.](#) Related Articles, Links  
 Mutation and overexpression of the transgene in ethylnitrosourea-induced tumors in mice carrying a human prototype c-Ha-ras gene. *Toxicol Pathol.* 2003 Sep-Oct;31(5):491-5.  
 PMID: 14692617 [PubMed - indexed for MEDLINE]
- 26: [Gu J, Zhang L, Swisher SG, Liu J, Roth JA, Fang B.](#) Related Articles, Links  
 Induction of p53-regulated genes in lung cancer cells: implications of the mechanism for adenoviral p53-mediated apoptosis. *Oncogene.* 2004 Feb 12;23(6):1300-7.  
 PMID: 14676844 [PubMed - indexed for MEDLINE]
- 27: [Rosell R, Taron M, Camps C, Lopez-Vivanco G.](#) Related Articles, Links  
 Influence of genetic markers on survival in non-small cell lung cancer. *Drugs Today (Barc).* 2003 Oct;39(10):775-86. Review.  
 PMID: 14668933 [PubMed - indexed for MEDLINE]
- 28: [Honda S, Hayashi M, Kobayashi Y, Ishikawa Y, Nakagawa K, Tsuchiya E.](#) Related Articles, Links  
 A role for the pituitary tumor-transforming gene in the genesis and progression of non-small cell lung carcinomas. *Anticancer Res.* 2003 Sep-Oct;23(5A):3775-82.  
 PMID: 14666677 [PubMed - indexed for MEDLINE]
- 29: [Uchiyama M, Usami N, Kondo M, Mori S, Ito M, Ito G, Yoshioka H, Imaizumi M, Ueda Y, Takahashi M, Minna JD, Shimokata K, Sekido Y.](#) Related Articles, Links  
 Loss of heterozygosity of chromosome 12p does not correlate with KRAS mutation in non-small cell lung cancer. *Int J Cancer.* 2003 Dec 20;107(6):962-9.  
 PMID: 14601056 [PubMed - indexed for MEDLINE]
- 30: [Gomez D, Aouali N, Renaud A, Douarre C, Shin-Ya K, Tazi J, Martinez S, Trentesaux C, Morjanji H, Riou JF.](#) Related Articles, Links  
 Resistance to senescence induction and telomere shortening by a G-quadruplex ligand inhibitor of telomerase. *Cancer Res.* 2003 Oct 1;63(19):6149-53.  
 PMID: 14559794 [PubMed - indexed for MEDLINE]
- 31: [Washio K, Aoe M, Toyooka S, Mushiake H, Tsukuda K, Shimizu N.](#) Related Articles, Links  
 The effect of epidermal growth factor receptor antisense morpholino oligomer on non-small cell lung cancer cell line. *Oncol Rep.* 2003 Nov-Dec;10(6):1967-71.  
 PMID: 14534727 [PubMed - indexed for MEDLINE]
- 32: [Sunamura M, Duda DG, Ghattas MH, Lozonschi L, Motoi F, Yamauchi J, Matsuno S, Shjbahara S, Abraham NG.](#) Related Articles, Links  
 Heme oxygenase-1 accelerates tumor angiogenesis of human pancreatic cancer. *Angiogenesis.* 2003;6(1):15-24.  
 PMID: 14517400 [PubMed - indexed for MEDLINE]
- 33: [Pellegrini C, Falleni M, Marchetti A, Cassani B, Miezzo M, Buttitta F, Roncalli M, Coggi G, Bosari S.](#) Related Articles, Links  
 HER-2/Neu alterations in non-small cell lung cancer: a comprehensive evaluation by real time reverse transcription-PCR, fluorescence in situ

hybridization, and immunohistochemistry.  
Clin Cancer Res. 2003 Sep 1;9(10 Pt 1):3645-52.  
PMID: 14506153 [PubMed - indexed for MEDLINE]

- 34: [Gurrola-Diaz C, Lacroix J, Dihlmann S, Becker CM, von Knebel Doeberitz M.](#) Related Articles, Links  
Reduced expression of the neuron restrictive silencer factor permits transcription of glycine receptor alpha1 subunit in small-cell lung cancer cells.  
Oncogene. 2003 Aug 28;22(36):5636-45.  
PMID: 12944912 [PubMed - indexed for MEDLINE]
- 35: [Zhang L, Sharma S, Zhu LX, Kogai T, Hershman JM, Brent GA, Dubinett SM, Huang M.](#) Related Articles, Links  
Nonradioactive iodide effectively induces apoptosis in genetically modified lung cancer cells.  
Cancer Res. 2003 Aug 15;63(16):5065-72.  
PMID: 12941836 [PubMed - indexed for MEDLINE]
- 36: [Rosell R, Crino L, Danenbergs K, Scagliotti G, Bepler G, Taron M, Alberola V, Provencio M, Camps C, De Marinis F, Sanchez JJ, Penas R.](#) Related Articles, Links  
Targeted therapy in combination with gemcitabine in non-small cell lung cancer.  
Semin Oncol. 2003 Aug;30(4 Suppl 10):19-25. Review.  
PMID: 12917817 [PubMed - indexed for MEDLINE]
- 37: [Rosell R, Taron M, Barnadas A, Scagliotti G, Sarries C, Roig B.](#) Related Articles, Links  
Nucleotide excision repair pathways involved in Cisplatin resistance in non-small-cell lung cancer.  
Cancer Control. 2003 Jul-Aug;10(4):297-305. Review.  
PMID: 12915808 [PubMed - indexed for MEDLINE]
- 38: [Falleni M, Pellegrini C, Marchetti A, Oprandi B, Buttitta F, Barassi F, Santambrogio L, Coggi G, Bosari S.](#) Related Articles, Links  
Survivin gene expression in early-stage non-small cell lung cancer.  
J Pathol. 2003 Aug;200(5):620-6.  
PMID: 12898598 [PubMed - indexed for MEDLINE]
- 39: [Miller CT, Aggarwal S, Lin TK, Dagenais SL, Contreras JL, Orringer MB, Glover TW, Beer DG, Lin L.](#) Related Articles, Links  
Amplification and overexpression of the dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2) gene in esophageal and lung adenocarcinomas.  
Cancer Res. 2003 Jul 15;63(14):4136-43.  
PMID: 12874018 [PubMed - indexed for MEDLINE]
- 40: [Rosell R, Taron M, Alberola V, Massuti B, Felip E.](#) Related Articles, Links  
Genetic testing for chemotherapy in non-small cell lung cancer.  
Lung Cancer. 2003 Aug;41 Suppl 1:S97-102. Review.  
PMID: 12867068 [PubMed - indexed for MEDLINE]
- 41: [Cheung B, Yan J, Smith SA, Nguyen T, Lee M, Kavallaris M, Norris MD, Haber M, Marshall GM.](#) Related Articles, Links  
Growth inhibitory retinoid effects after recruitment of retinoid X receptor beta to the retinoic acid receptor beta promoter.  
Int J Cancer. 2003 Jul 20;105(6):856-67.  
PMID: 12767074 [PubMed - indexed for MEDLINE]
- 42: [Nawrocki-Raby B, Gilles C, Polette M, Bruyneel E, Laronze JY, Bonnet N, Foidart JM, Marcel M, Birembaut P.](#) Related Articles, Links

- 43: Upregulation of MMPs by soluble E-cadherin in human lung tumor cells.  
Int J Cancer. 2003 Jul 20;105(6):790-5.  
PMID: 12767064 [PubMed - indexed for MEDLINE]
- 43: Kennedy CH, Pass HI, Mitchell JB. Related Articles, Links
- 43: Expression of human MutT homologue (hMTH1) protein in primary non-small-cell lung carcinomas and histologically normal surrounding tissue.  
Free Radic Biol Med. 2003 Jun 1;34(11):1447-57.  
PMID: 12757855 [PubMed - indexed for MEDLINE]
- 44: Takanami I. Related Articles, Links
- 44: Overexpression of CCR7 mRNA in nonsmall cell lung cancer: correlation with lymph node metastasis.  
Int J Cancer. 2003 Jun 10;105(2):186-9.  
PMID: 12673677 [PubMed - indexed for MEDLINE]
- 45: Yao R, Wang Y, Lubet RA, You M. Related Articles, Links
- 45: Differential gene expression in chemically induced mouse lung adenomas.  
Neoplasia. 2003 Jan-Feb;5(1):41-52.  
PMID: 12659669 [PubMed - indexed for MEDLINE]
- 46: de Bruin M, van Capel T, Van der Born K, Kruyt FA, Fukushima M, Hoekman K, Pinedo HM, Peters GJ. Related Articles, Links
- 46: Role of platelet-derived endothelial cell growth factor/thymidine phosphorylase in fluoropyrimidine sensitivity.  
Br J Cancer. 2003 Mar 24;88(6):957-64.  
PMID: 12644837 [PubMed - indexed for MEDLINE]
- 47: Walsh D, Meleady P, Power B, Morley SJ, Clynes M. Related Articles, Links
- 47: Increased levels of the translation initiation factor eIF4E in differentiating epithelial lung tumor cell lines.  
Differentiation. 2003 Mar;71(2):126-34.  
PMID: 12641566 [PubMed - indexed for MEDLINE]
- 48: Nakanishi K, Kawai T, Kumaki F, Hiroi S, Mukai M, Ikeda E, Koering CE, Gilson E. Related Articles, Links
- 48: Expression of mRNAs for telomeric repeat binding factor (TRF)-1 and TRF2 in atypical adenomatous hyperplasia and adenocarcinoma of the lung.  
Clin Cancer Res. 2003 Mar;9(3):1105-11.  
PMID: 12631614 [PubMed - indexed for MEDLINE]
- 49: Wang Q, An L, Chen Y, Yue S. Related Articles, Links
- 49: Expression of endoplasmic reticulum molecular chaperon GRP94 in human lung cancer tissues and its clinical significance.  
Chin Med J (Engl). 2002 Nov;115(11):1615-9.  
PMID: 12609072 [PubMed - indexed for MEDLINE]
- 50: He XH, Li JJ, Xie YH, Zhang FR, Qu SM, Tang YT, Qin WX, Wan DF, Gu JR. Related Articles, Links
- 50: [Expression of human novel gene CT120 in lung cancer and its effects on cell growth]  
Ai Zheng. 2003 Feb;22(2):113-8. Chinese.  
PMID: 12600281 [PubMed - indexed for MEDLINE]
- 51: Lin P, Chang H, Tsai WT, Wu MH, Liao YS, Chen JT, Su JM. Related Articles, Links
- 51: Overexpression of aryl hydrocarbon receptor in human lung carcinomas.  
Toxicol Pathol. 2003 Jan-Feb;31(1):22-30.  
PMID: 12597446 [PubMed - indexed for MEDLINE]

- 52:** Kashima T, Nakamura K, Kawaguchi J, Takanashi M, Ishida T, Aburatani H, Kudo A, Fukayama M, Grigoriadis AE. [Related Articles](#), [Links](#)
- Overexpression of cadherins suppresses pulmonary metastasis of osteosarcoma *in vivo*.  
Int J Cancer. 2003 Mar 20;104(2):147-54.  
PMID: 12569568 [PubMed - indexed for MEDLINE]
- 53:** Rosell R, Fossella F, Milas L; Spanish Lung Cancer Group. [Related Articles](#), [Links](#)
- Molecular markers and targeted therapy with novel agents: prospects in the treatment of non-small cell lung cancer.  
Lung Cancer. 2002 Dec;38 Suppl 4:43-9. Review.  
PMID: 12480194 [PubMed - indexed for MEDLINE]
- 54:** Hauck CR, Hsia DA, Puente XS, Cheresh DA, Schlaepfer DD. [Related Articles](#), [Links](#)
- FRNK blocks v-Src-stimulated invasion and experimental metastases without effects on cell motility or growth.  
EMBO J. 2002 Dec 2;21(23):6289-302.  
PMID: 12456636 [PubMed - indexed for MEDLINE]
- 55:** Li HY, Li Y, Yan CH, Li LN, Chen XG. [Related Articles](#), [Links](#)
- Inhibition of tumor growth by S-3-1, a synthetic intermediate of salvianolic acid A.  
J Asian Nat Prod Res. 2002 Dec;4(4):271-80.  
PMID: 12450255 [PubMed - indexed for MEDLINE]
- 56:** Liu LT, Chang HC, Chiang LC, Hung WC. [Related Articles](#), [Links](#)
- Induction of RECK by nonsteroidal anti-inflammatory drugs in lung cancer cells.  
Oncogene. 2002 Nov 28;21(54):8347-50.  
PMID: 12447698 [PubMed - indexed for MEDLINE]
- 57:** Cangul H, Salnikow K, Yee H, Zagzag D, Commes T, Costa M. [Related Articles](#), [Links](#)
- Enhanced overexpression of an HIF-1/hypoxia-related protein in cancer cells.  
Environ Health Perspect. 2002 Oct;110 Suppl 5:783-8.  
PMID: 12429530 [PubMed - indexed for MEDLINE]
- 58:** Wang KK, Liu N, Radulovich N, Wigle DA, Johnston MR, Shepherd FA, Minden MD, Tsao MS. [Related Articles](#), [Links](#)
- Novel candidate tumor marker genes for lung adenocarcinoma.  
Oncogene. 2002 Oct 24;21(49):7598-604.  
PMID: 12386823 [PubMed - indexed for MEDLINE]
- 59:** Gorgoulis VG, Zacharatos P, Mariatos G, Kotsinas A, Bouda M, Kletsas D, Asimacopoulos PJ, Agnantis N, Kittas C, Papavassiliou AG. [Related Articles](#), [Links](#)
- Transcription factor E2F-1 acts as a growth-promoting factor and is associated with adverse prognosis in non-small cell lung carcinomas.  
J Pathol. 2002 Oct;198(2):142-56.  
PMID: 12237873 [PubMed - indexed for MEDLINE]
- 60:** Lin L, Miller CT, Contreras JI, Prescott MS, Dagenais SL, Wu R, Yee J, Orringer MB, Misek DE, Hanash SM, Glover TW, Beer DG. [Related Articles](#), [Links](#)
- The hepatocyte nuclear factor 3 alpha gene, HNF3alpha (FOXA1), on chromosome band 14q13 is amplified and overexpressed in esophageal and lung adenocarcinomas.  
Cancer Res. 2002 Sep 15;62(18):5273-9.  
PMID: 12234996 [PubMed - indexed for MEDLINE]

- 61: [Kandasamy K, Srivastava RK](#) Related Articles, Links  
 Role of the phosphatidylinositol 3'-kinase/PTEN/Akt kinase pathway in tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis in non-small cell lung cancer cells.  
*Cancer Res.* 2002 Sep 1;62(17):4929-37.  
 PMID: 12208743 [PubMed - indexed for MEDLINE]
- 62: [Gharib TG, Chen G, Wang H, Huang CC, Prescott MS, Shedden KA, Misek DE, Thomas DG, Giordano TJ, Taylor JM, Kardia S, Yee J, Orringer MB, Hanash S, Beer DG](#) Related Articles, Links  
 Proteomic analysis of cytokeratin isoforms uncovers association with survival in lung adenocarcinoma.  
*Neoplasia.* 2002 Sep-Oct;4(5):440-8.  
 PMID: 12192603 [PubMed - indexed for MEDLINE]
- 63: [Ho SP, Scully MS, Krauthäuser CM, Wexler EJ, Stow MD, Dinchuk JE, Kerr JS, Friedman PA](#) Related Articles, Links  
 Antisense oligonucleotides selectively regulate aspartyl beta-hydroxylase and its truncated protein isoform in vitro but distribute poorly into A549 tumors in vivo.  
*J Pharmacol Exp Ther.* 2002 Aug;302(2):795-803.  
 PMID: 12130746 [PubMed - indexed for MEDLINE]
- 64: [Chen G, Gharib TG, Huang CC, Thomas DG, Shedden KA, Taylor JM, Kardia SL, Misek DE, Giordano TJ, Iannettoni MD, Orringer MB, Hanash SM, Beer DG](#) Related Articles, Links  
 Proteomic analysis of lung adenocarcinoma: identification of a highly expressed set of proteins in tumors.  
*Clin Cancer Res.* 2002 Jul;8(7):2298-305.  
 PMID: 12114434 [PubMed - indexed for MEDLINE]
- 65: [Lord RV, Brabender J, Gandara D, Alberola V, Camps C, Domínguez M, Cardenal F, Sanchez JM, Gumerlock PH, Taron M, Sanchez JJ, Danenberg KD, Danenberg PV, Rosell R](#) Related Articles, Links  
 Low ERCC1 expression correlates with prolonged survival after cisplatin plus gemcitabine chemotherapy in non-small cell lung cancer.  
*Clin Cancer Res.* 2002 Jul;8(7):2286-91.  
 PMID: 12114432 [PubMed - indexed for MEDLINE]
- 66: [Spankuch-Schmitt B, Wolf G, Solbach C, Loibl S, Knecht R, Stegmüller M, von Minckwitz G, Kaufmann M, Strebhardt K](#) Related Articles, Links  
 Downregulation of human polo-like kinase activity by antisense oligonucleotides induces growth inhibition in cancer cells.  
*Oncogene.* 2002 May 9;21(20):3162-71.  
 PMID: 12082631 [PubMed - indexed for MEDLINE]
- 67: [Hsieh SC, Lo PK, Wang FP](#) Related Articles, Links  
 Mouse DDA3 gene is a direct transcriptional target of p53 and p73.  
*Oncogene.* 2002 May 2;21(19):3050-7.  
 PMID: 12082536 [PubMed - indexed for MEDLINE]
- 68: [Gordon GJ, Appasani K, Parceils JP, Mukhopadhyay NK, Jaklitsch MT, Richards WG, Sugarbaker DJ, Bueno R](#) Related Articles, Links  
 Inhibitor of apoptosis protein-1 promotes tumor cell survival in mesothelioma.  
*Carcinogenesis.* 2002 Jun;23(6):1017-24.  
 PMID: 12082024 [PubMed - indexed for MEDLINE]
- 69: [Krupenko SA, Oleinik NV](#) Related Articles, Links  
 10-formyltetrahydrofolate dehydrogenase, one of the major folate enzymes,

is down-regulated in tumor tissues and possesses suppressor effects on cancer cells.

Cell Growth Differ. 2002 May;13(5):227-36.  
PMID: 12065246 [PubMed - indexed for MEDLINE]

70: [Koo JS, Kim YD, Jetten AM, Belloni P, Nettlesheim P.](#)

[Related Articles](#), [Links](#)

Overexpression of mucin genes induced by interleukin-1 beta, tumor necrosis factor-alpha, lipopolysaccharide, and neutrophil elastase is inhibited by a retinoic acid receptor alpha antagonist.

Exp Lung Res. 2002 Jun;28(4):315-32.  
PMID: 12042033 [PubMed - indexed for MEDLINE]

71: [Gougaud C, Jaffuel D, Gagliardo R, Henriquet C, Bousquet J, Demoly P, Mathieu M.](#)

[Related Articles](#), [Links](#)

Overexpression of the human glucocorticoid receptor alpha and beta isoforms inhibits AP-1 and NF-kappaB activities hormone independently.

J Mol Med. 2002 May;80(5):309-18. Epub 2001 Dec 07.  
PMID: 12021843 [PubMed - indexed for MEDLINE]

72: [Sriuranpong V, Borges MW, Strock CL, Nakakura EK, Watkins DN, Blaumueller CM, Nelkin BD, Ball DW.](#)

[Related Articles](#), [Links](#)

Notch signaling induces rapid degradation of achaete-scute homolog 1.

Mol Cell Biol. 2002 May;22(9):3129-39.  
PMID: 11940670 [PubMed - indexed for MEDLINE]

73: [Niki T, Kohno T, Iba S, Moriya Y, Takahashi Y, Saito M, Maeshima A, Yamada T, Matsuno Y, Fukayama M, Yokota J, Hirohashi S.](#)

[Related Articles](#), [Links](#)

Frequent co-localization of Cox-2 and laminin-5 gamma2 chain at the invasive front of early-stage lung adenocarcinomas.

Am J Pathol. 2002 Mar;160(3):1129-41.  
PMID: 11891209 [PubMed - indexed for MEDLINE]

74: [Brabender J, Park J, Metzger R, Schneider PM, Lord RV, Holscher AH, Danenberg KD, Danenberg PV.](#)

[Related Articles](#), [Links](#)

Prognostic significance of cyclooxygenase 2 mRNA expression in non-small cell lung cancer.

Ann Surg. 2002 Mar;235(3):440-3. Erratum in: Ann Surg 2002 Jun;235(6):896-7.  
PMID: 11882767 [PubMed - indexed for MEDLINE]

75: [Bauer C, Brass N, Diesinger J, Kayser K, Grasser FA, Meese E.](#)

[Related Articles](#), [Links](#)

Overexpression of the eukaryotic translation initiation factor 4G (eIF4G-1) in squamous cell lung carcinoma.

Int J Cancer. 2002 Mar 10;98(2):181-5.  
PMID: 11857405 [PubMed - indexed for MEDLINE]

76: [Kawai H, Kiura K, Tabata M, Yoshino T, Takata I, Hiraki A, Chikamori K, Ueoka H, Tanimoto M, Harada M.](#)

[Related Articles](#), [Links](#)

Characterization of non-small-cell lung cancer cell lines established before and after chemotherapy.

Lung Cancer. 2002 Mar;35(3):305-14.  
PMID: 11844606 [PubMed - indexed for MEDLINE]

77: [To C, Seiden L, Liu N, Wigle D, Tsao MS.](#)

[Related Articles](#), [Links](#)

High expression of Met/hepatocyte growth factor receptor suppresses tumorigenicity in NCI-H1264 lung carcinoma cells.

Exp Cell Res. 2002 Feb 1;273(1):45-53.  
PMID: 11795945 [PubMed - indexed for MEDLINE]

78: [Peng X, Feng F, Zhang W.](#)

[Related Articles](#), [Links](#)

- [Modulation of human small cell lung cancer cell line GLC4/ADR multidrug resistance in the inhibition of multidrug resistance-associated protein and its antisense]  
Zhonghua Zhong Liu Za Zhi. 2001 Sep;23(5):355-8. Chinese.  
PMID: 11810759 [PubMed - indexed for MEDLINE]
- 79: [Tian Y, Ge B, Zhang B.](#) Related Articles, Links  
[The expression and clinical significance of pRB and E(2)F(1) in human neuroendocrine lung tumor]  
Zhonghua Yi Xue Za Zhi. 2001 Feb 25;81(4):219-21. Chinese.  
PMID: 11798878 [PubMed - indexed for MEDLINE]
- 80: [Shan G, Zhong H, Zhang F.](#) Related Articles, Links  
[Expression and prognostic significance of multidrug resistance associated protein (MRP) gene in non-small cell lung cancer by in situ hybridization]  
Zhonghua Zhong Liu Za Zhi. 2000 Jan;22(1):27-9. Chinese.  
PMID: 11776590 [PubMed - indexed for MEDLINE]
- 81: [Xu M, Li J, Xia Q.](#) Related Articles, Links  
[Expression of multidrug resistance-associated protein gene in non-small cell lung cancer]  
Zhonghua Jie He He Hu Xi Za Zhi. 1999 May;22(5):268-70. Chinese.  
PMID: 11775850 [PubMed - indexed for MEDLINE]
- 82: [Sasaki H, Nonaka M, Fujii Y, Yamakawa Y, Fukai I, Kiriyama M, Sasaki M.](#) Related Articles, Links  
[Expression of the prothymosin-a gene as a prognostic factor in lung cancer.]  
Surg Today. 2001;31(10):936-8.  
PMID: 11759895 [PubMed - indexed for MEDLINE]
- 83: [Sato M, Tanaka T, Maeno T, Sando Y, Suga T, Maeno Y, Sato H, Nagai R, Kurabayashi M.](#) Related Articles, Links  
[Inducible expression of endothelial PAS domain protein-1 by hypoxia in human lung adenocarcinoma A549 cells. Role of Src family kinases-dependent pathway.]  
Am J Respir Cell Mol Biol. 2002 Jan;26(1):127-34.  
PMID: 11751212 [PubMed - indexed for MEDLINE]
- 84: [Yoshida M, Suzuki T, Komiya T, Hatashita E, Nishio K, Kazuhiko N, Fukucka M.](#) Related Articles, Links  
[Induction of MRP5 and SMRP mRNA by adriamycin exposure and its overexpression in human lung cancer cells resistant to adriamycin.]  
Int J Cancer. 2001 Nov 1;94(3):432-7.  
PMID: 11745426 [PubMed - indexed for MEDLINE]
- 85: [Rosell R, Felip E, Maestre J, Sanchez JM, Sanchez JJ, Manzano JL, Astudillo J, Taron M, Monzo M.](#) Related Articles, Links  
[The role of chemotherapy in early non-small-cell lung cancer management.]  
Lung Cancer. 2001 Dec;34 Suppl 3:S63-74. Review.  
PMID: 11740997 [PubMed - indexed for MEDLINE]
- 86: [Zhou J, Nong L, Wloch M, Cantor A, Mulshine JL, Tockman MS.](#) Related Articles, Links  
[Expression of early lung cancer detection marker: hnRNP-A2/B1 and its relation to microsatellite alteration in non-small cell lung cancer.]  
Lung Cancer. 2001 Dec;34(3):341-50.  
PMID: 11714531 [PubMed - indexed for MEDLINE]
- 87: [Wimmel A, Glitz D, Kraus A, Roeder J, Schuermann M.](#) Related Articles, Links  
[Axl receptor tyrosine kinase expression in human lung cancer cell lines]

- correlates with cellular adhesion.  
Eur J Cancer. 2001 Nov;37(17):2264-74.  
PMID: 11677117 [PubMed - indexed for MEDLINE]
- 88: [Rosell R, Felip E.](#) Related Articles, Links  
Predicting response to paclitaxel/carboplatin-based therapy in non-small cell lung cancer.  
Semin Oncol. 2001 Aug;28(4 Suppl 14):37-44. Review.  
PMID: 11605182 [PubMed - indexed for MEDLINE]
- 89: [Kakolyris S, Giatromanolaki A, Koukourakis M, Powis G, Souglakos J, Sivridis E, Georgoulias V, Gatter KC, Harris AL.](#) Related Articles, Links  
Thioredoxin expression is associated with lymph node status and prognosis in early operable non-small cell lung cancer.  
Clin Cancer Res. 2001 Oct;7(10):3087-91.  
PMID: 11595699 [PubMed - indexed for MEDLINE]
- 90: [Sasaki H, Chen LB, Auclair D, Moriyama S, Kaji M, Fukai I, Kiriyama M, Yamakawa Y, Fujii Y.](#) Related Articles, Links  
Overexpression of Hrad17 gene in non-small cell lung cancers correlated with lymph node metastasis.  
Lung Cancer. 2001 Oct;34(1):47-52.  
PMID: 11557112 [PubMed - indexed for MEDLINE]
- 91: [Yoshimatsu K, Altorki NK, Golijanin D, Zhang F, Jakobsson PJ, Dannenberg AJ, Subbaramaiah K.](#) Related Articles, Links  
Inducible prostaglandin E synthase is overexpressed in non-small cell lung cancer.  
Clin Cancer Res. 2001 Sep;7(9):2669-74.  
PMID: 11555578 [PubMed - indexed for MEDLINE]
- 92: [Sakaue M, Adachi H, Dawson M, Jetten AM.](#) Related Articles, Links  
Induction of Egr-1 expression by the retinoid AHPN in human lung carcinoma cells is dependent on activated ERK1/2.  
Cell Death Differ. 2001 Apr;8(4):411-24.  
PMID: 11550093 [PubMed - indexed for MEDLINE]
- 93: [Lin X, Bohle AS, Dohrmann P, Leuschner I, Schulz A, Kremer B, Fandrich F.](#) Related Articles, Links  
Overexpression of phosphatidylinositol 3-kinase in human lung cancer.  
Langenbecks Arch Surg. 2001 Jul;386(4):293-301.  
PMID: 11466572 [PubMed - indexed for MEDLINE]
- 94: [Ogretmen B, Kraveka JM, Schady D, Usta J, Hannun YA, Obeid LM.](#) Related Articles, Links  
Molecular mechanisms of ceramide-mediated telomerase inhibition in the A549 human lung adenocarcinoma cell line.  
J Biol Chem. 2001 Aug 31;276(35):32506-14. Epub 2001 Jul 05.  
PMID: 11441001 [PubMed - indexed for MEDLINE]
- 95: [Ebina M, Martinez A, Birrer MJ, Ilona Linnoila R.](#) Related Articles, Links  
In situ detection of unexpected patterns of mutant p53 gene expression in non-small cell lung cancers.  
Oncogene. 2001 May 3;20(20):2579-86.  
PMID: 11420668 [PubMed - indexed for MEDLINE]
- 96: [Bandala E, Espinosa M, Maldonado V, Melendez-Zajgla J.](#) Related Articles, Links  
Inhibitor of apoptosis-1 (IAP-1) expression and apoptosis in non-small-cell lung cancer cells exposed to gemcitabine.

Biochem Pharmacol. 2001 Jul 1;62(1):13-9.  
PMID: 11377392 [PubMed - indexed for MEDLINE]

- 97:** [Gomez-Roman JJ, Sanchez-Velasco P, Ocejo-Vinyals G, Hernandez-Nieto E, Leyva-Cobian F, Val-Bernal JF.](#) [Related Articles](#), [Links](#)
- Human herpesvirus-8 genes are expressed in pulmonary inflammatory myofibroblastic tumor (inflammatory pseudotumor).  
Am J Surg Pathol. 2001 May;25(5):624-9.  
PMID: 11342774 [PubMed - indexed for MEDLINE]
- 98:** [Eymin B, Gazzera S, Brambilla C, Brambilla E.](#) [Related Articles](#), [Links](#)
- Distinct pattern of E2F1 expression in human lung tumours: E2F1 is upregulated in small cell lung carcinoma.  
Oncogene. 2001 Mar 29;20(14):1678-87.  
PMID: 11313916 [PubMed - indexed for MEDLINE]
- 99:** [Komatani H, Kotani H, Hara Y, Nakagawa R, Matsumoto M, Arakawa H, Nishimura S.](#) [Related Articles](#), [Links](#)
- Identification of breast cancer resistant protein/mitoxantrone resistance/placenta-specific, ATP-binding cassette transporter as a transporter of NB-506 and J-107088, topoisomerase I inhibitors with an indolocarbazole structure.  
Cancer Res. 2001 Apr 1;61(7):2827-32.  
PMID: 11306452 [PubMed - indexed for MEDLINE]
- 100:** [Nishio K, Nakamura T, Koh Y, Kanzawa F, Tamura T, Saijo N.](#) [Related Articles](#), [Links](#)
- Oncoprotein 18 overexpression increases the sensitivity to vindesine in the human lung carcinoma cells.  
Cancer. 2001 Apr 15;91(8):1494-9.  
PMID: 11301397 [PubMed - indexed for MEDLINE]
- 101:** [Hsu NY, Ho HC, Chow KC, Lin TY, Shih CS, Wang LS, Tsai CM.](#) [Related Articles](#), [Links](#)
- Overexpression of dihydrodiol dehydrogenase as a prognostic marker of non-small cell lung cancer.  
Cancer Res. 2001 Mar 15;61(6):2727-31.  
PMID: 11289154 [PubMed - indexed for MEDLINE]
- 102:** [Wolff S, Harper PA, Wong JM, Mostert V, Wang Y, Abel J.](#) [Related Articles](#), [Links](#)
- Cell-specific regulation of human aryl hydrocarbon receptor expression by transforming growth factor-beta(1).  
Mol Pharmacol. 2001 Apr;59(4):716-24.  
PMID: 11259615 [PubMed - indexed for MEDLINE]
- 103:** [Kruger A, Soeltl R, Sopov I, Kopitz C, Arlt M, Magdolen V, Harbeck N, Gansbacher B, Schmitt M.](#) [Related Articles](#), [Links](#)
- Hydroxamate-type matrix metalloproteinase inhibitor batimastat promotes liver metastasis.  
Cancer Res. 2001 Feb 15;61(4):1272-5.  
PMID: 11245418 [PubMed - indexed for MEDLINE]
- 104:** [Gorgoulis VG, Zacharatos P, Mariatos G, Liloglou T, Kokotas S, Kastrinakis N, Kotsinas A, Athanasiou A, Foukas P, Zoumpourlis V, Kletsas D, Ikonomidou J, Asimacopoulos PJ, Kittas C, Field JK.](#) [Related Articles](#), [Links](#)
- Deregulated expression of c-mos in non-small cell lung carcinomas: relationship with p53 status, genomic instability, and tumor kinetics.  
Cancer Res. 2001 Jan 15;61(2):538-49.  
PMID: 11212247 [PubMed - indexed for MEDLINE]

- 105:** Kim TK, Mo EK, Yoo CG, Lee CT, Han SK, Shim YS, Kim YW. [Related Articles](#), [Links](#)
- Alteration of cell growth and morphology by overexpression of transforming growth factor beta type II receptor in human lung adenocarcinoma cells.  
Lung Cancer. 2001 Feb-Mar;31(2-3):181-91.  
PMID: 11165397 [PubMed - indexed for MEDLINE]
- 106:** Dan S, Yamori T. [Related Articles](#), [Links](#)
- Repression of cyclin B1 expression after treatment with adriamycin, but not cisplatin in human lung cancer A549 cells.  
Biochem Biophys Res Commun. 2001 Jan 26;280(3):861-7.  
PMID: 11162602 [PubMed - indexed for MEDLINE]
- 107:** Mariatos G, Gorgoulis VG, Kotsinas A, Zacharatos P, Kokotas S, Yannoukakos D, Kittas C. [Related Articles](#), [Links](#)
- Absence of mutations in the functional domains of the human MDM2 oncogene in non-small cell lung carcinomas.  
Mutat Res. 2000 Nov 30;456(1-2):59-63.  
PMID: 11087896 [PubMed - indexed for MEDLINE]
- 108:** Bernasconi NL, Wormhoudt TA, Laird-Offringa IA. [Related Articles](#), [Links](#)
- Post-transcriptional deregulation of myc genes in lung cancer cell lines.  
Am J Respir Cell Mol Biol. 2000 Oct;23(4):560-5.  
PMID: 11017923 [PubMed - indexed for MEDLINE]
- 109:** Huang S, DeGuzman A, Bucana CD, Fidler IJ. [Related Articles](#), [Links](#)
- Level of interleukin-8 expression by metastatic human melanoma cells directly correlates with constitutive NF-kappaB activity.  
Cytokines Cell Mol Ther. 2000 Mar;6(1):9-17.  
PMID: 10976534 [PubMed - indexed for MEDLINE]
- 110:** Hong TM, Yang PC, Peck K, Chen JJ, Yang SC, Chen YC, Wu CW. [Related Articles](#), [Links](#)
- Profiling the downstream genes of tumor suppressor PTEN in lung cancer cells by complementary DNA microarray.  
Am J Respir Cell Mol Biol. 2000 Sep;23(3):355-63.  
PMID: 10970827 [PubMed - indexed for MEDLINE]
- 111:** Gorgoulis VG, Zacharatos P, Kotsinas A, Mariatos G, Liloglou T, Vogiatzi T, Foukas P, Rassidakis G, Garinis G, Ioannides T, Zoumpourlis V, Bramis J, Michail PO, Asimacopoulos PJ, Field JK, Kittas C. [Related Articles](#), [Links](#)
- Altered expression of the cell cycle regulatory molecules pRb, p53 and MDM2 exert a synergistic effect on tumor growth and chromosomal instability in non-small cell lung carcinomas (NSCLCs).  
Mol Med. 2000 Mar;6(3):208-37. Erratum in: Mol Med 2001 Dec;7(12):861.  
PMID: 10965496 [PubMed - indexed for MEDLINE]
- 112:** Dang TP, Gazdar AF, Virmani AK, Sepetavec T, Hande KR, Minna JD, Roberts JR, Carbone DP. [Related Articles](#), [Links](#)
- Chromosome 19 translocation, overexpression of Notch3, and human lung cancer.  
J Natl Cancer Inst. 2000 Aug 16;92(16):1355-7. No abstract available.  
PMID: 10944559 [PubMed - indexed for MEDLINE]
- 113:** Yen L, You XL, Al Moustafa AE, Batist G, Hynes NE, Mader S, Meloche S, Alaoui-Jamali MA. [Related Articles](#), [Links](#)
- Heregulin selectively upregulates vascular endothelial growth factor secretion in cancer cells and stimulates angiogenesis.

Oncogene. 2000 Jul 20;19(31):3460-9.  
PMID: 10918604 [PubMed - indexed for MEDLINE]

- 114: [Wardlaw SA, March TH, Belinsky SA](#). Related Articles, Links  
 Cyclooxygenase-2 expression is abundant in alveolar type II cells in lung cancer-sensitive mouse strains and in premalignant lesions. Carcinogenesis. 2000 Jul;21(7):1371-7.  
PMID: 10874016 [PubMed - indexed for MEDLINE]
- 115: [Kelman MJ, McMorris TC, Estes LA, Oval MY, Rojas RJ, Lynn JR, Lanham KA, Samson KM](#). Related Articles, Links  
 Efficacy of MGI 114 (HMAF) against the MRP+ metastatic MV522 lung carcinoma xenograft. Anticancer Drugs. 2000 Mar;11(3):217-24.  
PMID: 10831281 [PubMed - indexed for MEDLINE]
- 116: [Moreb JS, Maccow C, Schweder M, Hecomovich J](#). Related Articles, Links  
 Expression of antisense RNA to aldehyde dehydrogenase class-1 sensitizes tumor cells to 4-hydroperoxycyclophosphamide in vitro. J Pharmacol Exp Ther. 2000 May;293(2):390-6.  
PMID: 10773007 [PubMed - indexed for MEDLINE]
- 117: [Delebecq TJ, Porte H, Zerimech F, Copin MC, Gouyer V, Dacquembronnie E, Balduyck M, Wurtz A, Huet G](#). Related Articles, Links  
 Overexpression level of stromelysin 3 is related to the lymph node involvement in non-small cell lung cancer. Clin Cancer Res. 2000 Mar;6(3):1086-92.  
PMID: 10741738 [PubMed - indexed for MEDLINE]
- 118: [Shetty S, Idell S](#). Related Articles, Links  
 Posttranscriptional regulation of plasminogen activator inhibitor-1 in human lung carcinoma cells in vitro. Am J Physiol Lung Cell Mol Physiol. 2000 Jan;278(1):L148-56.  
PMID: 10645902 [PubMed - indexed for MEDLINE]
- 119: [Mori T, Okamoto H, Takahashi N, Ueda R, Okamoto T](#). Related Articles, Links  
 Aberrant overexpression of 53BP2 mRNA in lung cancer cell lines. FEBS Lett. 2000 Jan 14;465(2-3):124-8.  
PMID: 10631318 [PubMed - indexed for MEDLINE]
- 120: [Lo PK, Chen JY, Lo WC, Chen BF, Hsin JP, Tang PP, Wang FF](#). Related Articles, Links  
 Identification of a novel mouse p53 target gene DDA3. Oncogene. 1999 Dec 16;18(54):7765-74.  
PMID: 10618717 [PubMed - indexed for MEDLINE]
- 121: [Takahama M, Tsutsumi M, Tsujiuchi T, Nezu K, Kushibe K, Taniguchi S, Kotake Y, Konishi Y](#). Related Articles, Links  
 Enhanced expression of Tie2, its ligand angiopoietin-1, vascular endothelial growth factor, and CD31 in human non-small cell lung carcinomas. Clin Cancer Res. 1999 Sep;5(9):2506-10.  
PMID: 10499626 [PubMed - indexed for MEDLINE]
- 122: [Omatu T](#). Related Articles, Links  
 [Overexpression of human homeobox gene in lung cancer A549 cells results in enhanced motile and invasive properties] Hokkaido Igaku Zasshi. 1999 Sep;74(5):367-76. Japanese.  
PMID: 10495851 [PubMed - indexed for MEDLINE]

- 123: Tokumitsu Y, Mori M, Tanaka S, Akazawa K, Nakano S, Niho Y. [Related Articles](#), [Links](#)  
**Prognostic significance of polo-like kinase expression in esophageal carcinoma.**  
*Int J Oncol.* 1999 Oct;15(4):687-92.  
 PMID: 10493949 [PubMed - indexed for MEDLINE]
- 124: Xie Y, Skytting B, Nilsson G, Brodin B, Larsson O. [Related Articles](#), [Links](#)  
**Expression of insulin-like growth factor-1 receptor in synovial sarcoma: association with an aggressive phenotype.**  
*Cancer Res.* 1999 Aug 1;59(15):3588-91.  
 PMID: 10446966 [PubMed - indexed for MEDLINE]
- 125: Yu L, Hui-chen F, Chen Y, Zou R, Yan S, Chun-xiang L, Wu-ru W, Li P. [Related Articles](#), [Links](#)  
**Differential expression of RAB5A in human lung adenocarcinoma cells with different metastasis potential.**  
*Clin Exp Metastasis.* 1999 May;17(3):213-9.  
 PMID: 10432006 [PubMed - indexed for MEDLINE]
- 126: Yang Y, Mou Lj, Liu N, Tsao MS. [Related Articles](#), [Links](#)  
**Autotaxin expression in non-small-cell lung cancer.**  
*Am J Respir Cell Mol Biol.* 1999 Aug;21(2):216-22.  
 PMID: 10423404 [PubMed - indexed for MEDLINE]
- 127: Tokuchi Y, Hashimoto T, Kobayashi Y, Hayashi M, Nishida K, Hayashi S, Inai K, Nakachi K, Ishikawa Y, Nakagawa K, Kawakami Y, Tsuchiya E. [Related Articles](#), [Links](#)  
**The expression of p73 is increased in lung cancer, independent of p53 gene alteration.**  
*Br J Cancer.* 1999 Jul;80(10):1623-9.  
 PMID: 10408409 [PubMed - indexed for MEDLINE]
- 128: NicAmhlaoibh R, Heenan M, Cleary I, Touhey S, O'Loughlin C, Daly C, Nunez G, Scanlon KJ, Clynes M. [Related Articles](#), [Links](#)  
**Altered expression of mRNAs for apoptosis-modulating proteins in a low level multidrug resistant variant of a human lung carcinoma cell line that also expresses mdr1 mRNA.**  
*Int J Cancer.* 1999 Jul 30;82(3):368-76.  
 PMID: 1039954 [PubMed - indexed for MEDLINE]
- 129: He Z, Bateman A. [Related Articles](#), [Links](#)  
**Progranulin gene expression regulates epithelial cell growth and promotes tumor growth in vivo.**  
*Cancer Res.* 1999 Jul 1;59(13):3222-9.  
 PMID: 10397269 [PubMed - indexed for MEDLINE]
- 130: Witters L, Kumar R, Mandal M, Bennett CF, Miraglia L, Lipton A. [Related Articles](#), [Links](#)  
**Antisense oligonucleotides to the epidermal growth factor receptor.**  
*Breast Cancer Res Treat.* 1999 Jan;53(1):41-50.  
 PMID: 10206071 [PubMed - indexed for MEDLINE]
- 131: Reissmann PT, Koga H, Figlin RA, Holmes EC, Slamon DJ. [Related Articles](#), [Links](#)  
**Amplification and overexpression of the cyclin D1 and epidermal growth factor receptor genes in non-small-cell lung cancer. Lung Cancer Study Group.**  
*J Cancer Res Clin Oncol.* 1999;125(2):61-70.  
 PMID: 10190311 [PubMed - indexed for MEDLINE]

- 132: Brass N, Racz A, Bauer C, Heckel D, Sybrecht G, Meese E. [Related Articles](#), [Links](#)  
 Role of amplified genes in the production of autoantibodies.  
*Blood.* 1999 Apr 1;93(7):2158-66.  
 PMID: 10090922 [PubMed - indexed for MEDLINE]
- 133: Vernhet L, Courtois A, Allain N, Payen L, Anger JP, Guillouzo A, [Related Articles](#), [Links](#)  
 Fardel O.  
 Overexpression of the multidrug resistance-associated protein (MRP1) in human heavy metal-selected tumor cells.  
*FEBS Lett.* 1999 Jan 29;443(3):321-5.  
 PMID: 10025956 [PubMed - indexed for MEDLINE]
- 134: Hibi K, Liu Q, Beaudry GA, Madden SL, Westra WH, Wehage SL, Yang SC, Heitmiller RF, Bertelsen AH, Sidransky D, Jen J. [Related Articles](#), [Links](#)  
 Serial analysis of gene expression in non-small cell lung cancer.  
*Cancer Res.* 1998 Dec 15;58(24):5690-4.  
 PMID: 9865724 [PubMed - indexed for MEDLINE]
- 135: Boldrini L, Calcinai A, Silvestri V, Basolo F, Lucchi M, Mussi A, [Related Articles](#), [Links](#)  
 Angeletti CA, Bevilacqua G, Fontanini G.  
 Quantitation by competitive PCR assay of vascular endothelial growth factor in non-small cell lung carcinomas.  
*Int J Oncol.* 1999 Jan;14(1):161-8.  
 PMID: 9863024 [PubMed - indexed for MEDLINE]
- 136: Duffy CP, Elliott CJ, O'Connor RA, Heenan MM, Coyle S, Cleary IM, Kavanagh K, Verhaegen S, O'Loughlin CM, NicAmhlaoibh R, Clynes M. [Related Articles](#), [Links](#)  
 Enhancement of chemotherapeutic drug toxicity to human tumour cells in vitro by a subset of non-steroidal anti-inflammatory drugs (NSAIDs).  
*Eur J Cancer.* 1998 Jul;34(8):1250-9.  
 PMID: 9849488 [PubMed - indexed for MEDLINE]
- 137: Vonlanthen S, Heighway J, Tschan MP, Borner MM, Altermatt HJ, Kappeler A, Tobler A, Fey MF, Thatcher N, Yarbrough WG, Betticher DC. [Related Articles](#), [Links](#)  
 Expression of p16INK4a/p16alpha and p19ARF/p16beta is frequently altered in non-small cell lung cancer and correlates with p53 overexpression.  
*Oncogene.* 1998 Nov 26;17(21):2779-85.  
 PMID: 9840942 [PubMed - indexed for MEDLINE]
- 138: Ohta Y, Endo Y, Tanaka M, Shimizu J, Oda M, Hayashi Y, Watanabe Y, Sasaki T. [Related Articles](#), [Links](#)  
 Significance of vascular endothelial growth factor messenger RNA expression in primary lung cancer.  
*Clin Cancer Res.* 1996 Aug;2(8):1411-6.  
 PMID: 9816315 [PubMed - indexed for MEDLINE]
- 139: Campling BG, Young LC, Baer KA, Lam YM, Deeley RG, Cole SP, Gerlach JH. [Related Articles](#), [Links](#)  
 Expression of the MRP and MDR1 multidrug resistance genes in small cell lung cancer.  
*Clin Cancer Res.* 1997 Jan;3(1):115-22.  
 PMID: 9815546 [PubMed - indexed for MEDLINE]
- 140: Montuenga LM, Zhou J, Avis J, Vos M, Martinez A, Cuttitta F, Treston AM, Sunday M, Mulshine JL. [Related Articles](#), [Links](#)  
 Expression of heterogeneous nuclear ribonucleoprotein A2/B1 changes with critical stages of mammalian lung development.

- Am J Respir Cell Mol Biol. 1998 Oct;19(4):554-62.  
PMID: 9761751 [PubMed - indexed for MEDLINE]
- 141: Schuler M, Rochlitz C, Horowitz JA, Schlegel J, Perruchoud AP, Related Articles, Links  
Kommooss F, Bolliger CT, Kauczot HU, Dalquen P, Fritz MA,  
Swanson S, Herrmann R, Huber C.
- A phase I study of adenovirus-mediated wild-type p53 gene transfer in patients with advanced non-small cell lung cancer.  
Hum Gene Ther. 1998 Sep 20;9(14):2075-82.  
PMID: 9759934 [PubMed - indexed for MEDLINE]
- 142: Tsao MS, Liu N, Chen JR, Pappas J, Ho J, To C, Viallet J, Park, Related Articles, Links  
M, Zhu H.
- Differential expression of Met/hepatocyte growth factor receptor in subtypes of non-small cell lung cancers.  
Lung Cancer. 1998 Apr;20(1):1-16.  
PMID: 9699182 [PubMed - indexed for MEDLINE]
- 143: Trussardi A, Poitevin G, Gorisse MC, Faroux MJ, Bobichon H, Related Articles, Links  
Delvincourt C, Jardillier JC.
- Sequential overexpression of LRP and MRP but not P-gp 170 in VP16-selected A549 adenocarcinoma cells.  
Int J Oncol. 1998 Sep;13(3):543-8.  
PMID: 9683791 [PubMed - indexed for MEDLINE]
- 144: Szabo E, Goheer A, Witschi H, Linnoila RI, Related Articles, Links
- Overexpression of CC10 modifies neoplastic potential in lung cancer cells.  
Cell Growth Differ. 1998 Jun;9(6):475-85.  
PMID: 9663466 [PubMed - indexed for MEDLINE]
- 145: Kennedy CH, Cueto R, Belinsky SA, Lechner JF, Pryor WA, Related Articles, Links
- Overexpression of hMTH1 mRNA: a molecular marker of oxidative stress in lung cancer cells.  
FEBS Lett. 1998 Jun 5;429(1):17-20.  
PMID: 9657375 [PubMed - indexed for MEDLINE]
- 146: Otterson GA, Xiao GH, Geradts J, Jin F, Chen WD, Niklinska W, Related Articles, Links  
Kaye FJ, Yeung RS.
- Protein expression and functional analysis of the FHIT gene in human tumor cells.  
J Natl Cancer Inst. 1998 Mar 18;90(6):426-32.  
PMID: 9521166 [PubMed - indexed for MEDLINE]
- 147: Gorgoulis VG, Zacharatos PV, Manolis E, Ikonomopoulos JA, Related Articles, Links  
Damaras A, Lamprinopoulos C, Rassidakis GZ, Zoumpourlis V,  
Kotsinas A, Rassidakis AN, Halazonetis TD, Kittas C.
- Effects of p53 mutants derived from lung carcinomas on the p53-responsive element (p53RE) of the MDM2 gene.  
Br J Cancer. 1998;77(3):374-84.  
PMID: 9472631 [PubMed - indexed for MEDLINE]
- 148: Kim JD, Kim JM, Pyo JO, Kim SY, Kim BS, Yu R, Han JS, Related Articles, Links
- Capsaicin can alter the expression of tumor forming-related genes which might be followed by induction of apoptosis of a Korean stomach cancer cell line, SNU-1.  
Cancer Lett. 1997 Dec 9;120(2):235-41.  
PMID: 9461043 [PubMed - indexed for MEDLINE]
- 149: Zhang L, Kharbanda S, Chen D, Bullocks J, Miller DL, Ding IY, Related Articles, Links  
Hanfelt J, McLeskey SW, Kern FG.

- MCF-7 breast carcinoma cells overexpressing FGF-1 form vascularized, metastatic tumors in ovariectomized or tamoxifen-treated nude mice. *Oncogene*. 1997 Oct 23;15(17):2093-108.  
PMID: 9366526 [PubMed - indexed for MEDLINE]
- 150: [Laurencot CM, Scheffer GL, Schepet RJ, Shoemaker RH.](#) [Related Articles](#), [Links](#)
- Increased LRP mRNA expression is associated with the MDR phenotype in intrinsically resistant human cancer cell lines. *Int J Cancer*. 1997 Sep 17;72(6):1021-6.  
PMID: 9378536 [PubMed - indexed for MEDLINE]
- 151: [Cheng IW, Lin SR, Lin MS, Huang MS, Tsai MS, Hwang JJ.](#) [Related Articles](#), [Links](#)
- Heparin-binding epidermal growth factor-like growth factor and transforming growth factor-alpha in human non-small cell lung cancers. *J Formos Med Assoc*. 1997 Aug;96(8):579-85.  
PMID: 9290266 [PubMed - indexed for MEDLINE]
- 152: [Zhan Z, Sandor VA, Gamelin E, Regis J, Dickstein B, Wilson W, Fojo AT, Bates SE.](#) [Related Articles](#), [Links](#)
- Expression of the multidrug resistance-associated protein gene in refractory lymphoma: quantitation by a validated polymerase chain reaction assay. *Blood*. 1997 May 15;89(10):3795-800.  
PMID: 9160686 [PubMed - indexed for MEDLINE]
- 153: [Morino M, Tsuzuki T, Ishikawa Y, Shirakami T, Yoshimura M, Kirosuke Y, Matsunaga K, Yoshikumi C, Sajio N.](#) [Related Articles](#), [Links](#)
- Specific regulation of HSPs in human tumor cell lines by flavonoids. *In Vivo*. 1997 May-Jun;11(3):265-70.  
PMID: 9239522 [PubMed - indexed for MEDLINE]
- 154: [Ebina M, Linnoila RI, Nukiwa T.](#) [Related Articles](#), [Links](#)
- [Topographic genomapping of p53 mutations in non-small cell lung cancer using *in situ* PCR] *Gan To Kagaku Ryoho*. 1997 Feb;24(4):406-11. Review. Japanese.  
PMID: 9063476 [PubMed - indexed for MEDLINE]
- 155: [Yu CJ, Yang PC, Shun CT, Lee YC, Kuo SH, Luh KT.](#) [Related Articles](#), [Links](#)
- Overexpression of MUC5 genes is associated with early post-operative metastasis in non-small-cell lung cancer. *Int J Cancer*. 1996 Dec 20;69(6):457-65.  
PMID: 8980247 [PubMed - indexed for MEDLINE]
- 156: [Lee PJ, Alam J, Wiegand GW, Choi AM.](#) [Related Articles](#), [Links](#)
- Overexpression of heme oxygenase-1 in human pulmonary epithelial cells results in cell growth arrest and increased resistance to hyperoxia. *Proc Natl Acad Sci U S A*. 1996 Sep 17;93(19):10393-8.  
PMID: 8816811 [PubMed - indexed for MEDLINE]
- 157: [Barr LF, Campbell SE, Penno MB, Ball DW, Baylin SB.](#) [Related Articles](#), [Links](#)
- Cell-substratum interactions mediate oncogene-induced phenotype of lung cancer cells. *Cell Growth Differ*. 1996 Sep;7(9):1149-56.  
PMID: 8877096 [PubMed - indexed for MEDLINE]
- 158: [Van Waardenburg RC, Prins J, Meijer C, Uges DR, De Vries EG, Mulder NH.](#) [Related Articles](#), [Links](#)
- Effects of c-myc oncogene modulation on drug resistance in human small

- cell lung carcinoma cell lines.  
Anticancer Res. 1996 Jul-Aug;16(4A):1963-70.  
PMID: 8712728 [PubMed - indexed for MEDLINE]
- 159: [Kitagawa Y, Wong F, Lo P, Elliott M, Verburgt LM, Hogg JC, Daya M.](#) Related Articles, Links  
Overexpression of Bcl-2 and mutations in p53 and K-ras in resected human non-small cell lung cancers.  
Am J Respir Cell Mol Biol. 1996 Jul;15(1):45-54.  
PMID: 8679221 [PubMed - indexed for MEDLINE]
- 160: [Betticher DC, Heighway J, Hasleton PS, Altermatt HJ, Ryder WP, Cerny T, Thatcher N.](#) Related Articles, Links  
Prognostic significance of CCND1 (cyclin D1) overexpression in primary resected non-small-cell lung cancer.  
Br J Cancer. 1996 Feb;73(3):294-300.  
PMID: 8562333 [PubMed - indexed for MEDLINE]
- 161: [Lin C, Dai X, Sun X.](#) Related Articles, Links  
[Expression of oncogene and anti-oncogene in mouse lung cancer induced by coal-burning smoke]  
Zhonghua Zhong Liu Za Zhi. 1995 Nov;17(6):432-4. Chinese.  
PMID: 8697995 [PubMed - indexed for MEDLINE]
- 162: [Dooley S, Wundrack I, Blin N, Welter C.](#) Related Articles, Links  
Coexpression pattern of c-myc associated genes in a small cell lung cancer cell line with high steady state c-myc transcription.  
Biochem Biophys Res Commun. 1995 Aug 24;213(3):789-95.  
PMID: 7654239 [PubMed - indexed for MEDLINE]
- 163: [Versantvoort CH, Broxterman HJ, Bagrij T, Schepert RJ, Twentymann PR.](#) Related Articles, Links  
Regulation by glutathione of drug transport in multidrug-resistant human lung tumour cell lines overexpressing multidrug resistance-associated protein.  
Br J Cancer. 1995 Jul;72(1):82-9.  
PMID: 7599070 [PubMed - indexed for MEDLINE]
- 164: [Gray DA, Inazawa J, Gupta K, Wong A, Ueda R, Takahashi T.](#) Related Articles, Links  
Elevated expression of Unph, a proto-oncogene at 3p21.3, in human lung tumors.  
Oncogene. 1995 Jun 1;10(11):2179-83.  
PMID: 7784062 [PubMed - indexed for MEDLINE]
- 165: [Zhang LX, Mills KJ, Dawson MI, Collins SJ, Jetten AM.](#) Related Articles, Links  
Evidence for the involvement of retinoic acid receptor RAR alpha-dependent signaling pathway in the induction of tissue transglutaminase and apoptosis by retinoids.  
J Biol Chem. 1995 Mar 17;270(11):6022-9.  
PMID: 7890733 [PubMed - indexed for MEDLINE]
- 166: [Brock J, Hipfner DR, Nielsen BS, Jensen PB, Deeley RG, Cole SP, Sehested M.](#) Related Articles, Links  
Sequential coexpression of the multidrug resistance genes MRP and mdr1 and their products in VP-16 (etoposide)-selected H69 small cell lung cancer cells.  
Cancer Res. 1995 Feb 1;55(3):459-62.  
PMID: 7834606 [PubMed - indexed for MEDLINE]

167: Liu HR, Liu TH, Lu ZL.

[Related Articles](#), [Links](#)



[Pathological study on thoracic carcinoids accompanied with Cushing's syndrome]

Zhonghua Bing Li Xue Za Zhi. 1994 Dec;23(6):351-4. Chinese.  
PMID: 7720114 [PubMed - indexed for MEDLINE]

168: Maxwell SA.

[Related Articles](#), [Links](#)



Selective compartmentalization of different mdm2 proteins within the nucleus.

Anticancer Res. 1994 Nov-Dec;14(6B):2541-7.  
PMID: 7872679 [PubMed - indexed for MEDLINE]

169: Chen FA, Alosco T, Croy BA, Narumi K, Percy DH, Bankert RB. [Related Articles](#), [Links](#)



Clones of tumor cells derived from a single primary human lung tumor reveal different patterns of beta 1 integrin expression.

Cell Adhes Commun. 1994 Aug;2(4):345-57.  
PMID: 7529636 [PubMed - indexed for MEDLINE]

170: Noguchi M.

[Related Articles](#), [Links](#)



[Molecular diagnosis of lung carcinoma]

Rinsho Byori. 1994 Apr;42(4):355-8. Review. Japanese.  
PMID: 8176843 [PubMed - indexed for MEDLINE]

171: Haines DS, Landers JE, Engle LJ, George DL.

[Related Articles](#), [Links](#)



Physical and functional interaction between wild-type p53 and mdm2 proteins.

Mol Cell Biol. 1994 Feb;14(2):1171-8.  
PMID: 8289798 [PubMed - indexed for MEDLINE]

172: Bongiorno PF, Whyte RI, Lesser EJ, Moore JH, Orringer MB, Beer DG. [Related Articles](#), [Links](#)



Alterations of K-ras, p53, and erbB-2/neu in human lung adenocarcinomas.

J Thorac Cardiovasc Surg. 1994 Feb;107(2):590-5.  
PMID: 7905543 [PubMed - indexed for MEDLINE]

173: Grant CE, Valdimarsson G, Hipfner DR, Almquist KC, Cole SP, Deeley RG. [Related Articles](#), [Links](#)



Overexpression of multidrug resistance-associated protein (MRP) increases resistance to natural product drugs.

Cancer Res. 1994 Jan 15;54(2):357-61.  
PMID: 8275468 [PubMed - indexed for MEDLINE]

174: Lorenz J, Friedberg T, Paulus R, Oesch F, Ferlinz R.

[Related Articles](#), [Links](#)



Oncogene overexpression in non-small-cell lung cancer tissue: prevalence and clinicopathological significance.

Clin Investig. 1994 Jan;72(2):156-63.  
PMID: 8186664 [PubMed - indexed for MEDLINE]

175: Thomas GA, Barrand MA, Stewart S, Rabbits PH, Williams ED, Twentyman PR. [Related Articles](#), [Links](#)



Expression of the multidrug resistance-associated protein (MRP) gene in human lung tumours and normal tissue as determined by *in situ* hybridisation.

Eur J Cancer. 1994;30A(11):1705-9.  
PMID: 7833148 [PubMed - indexed for MEDLINE]

176: Prins J, De Vries EG, Mulder NH.

[Related Articles](#), [Links](#)

- The myc family of oncogenes and their presence and importance in small-cell lung carcinoma and other tumour types.  
Anticancer Res. 1993 Sep-Oct;13(5A):1373-85. Review.  
PMID: 8239508 [PubMed - indexed for MEDLINE]
- 177: [Slovak ML, Ho JP, Bhardwaj G, Kurz EU, Deeley RG, Cole SP.](#) Related Articles, Links  
Localization of a novel multidrug resistance-associated gene in the HT1080/DR4 and H69AR human tumor cell lines.  
Cancer Res. 1993 Jul 15;53(14):3221-5.  
PMID: 8391919 [PubMed - indexed for MEDLINE]
- 178: [Broers JL, Viallet J, Jensen SM, Pass H, Travis WD, Minna JD, Linnoila RJ.](#) Related Articles, Links  
Expression of c-myc in progenitor cells of the bronchopulmonary epithelium and in a large number of non-small cell lung cancers.  
Am J Respir Cell Mol Biol. 1993 Jul;9(1):33-43.  
PMID: 8393325 [PubMed - indexed for MEDLINE]
- 179: [Tsai CM, Chang KT, Peing RP, Mitsudomi T, Chen MH, Kadoyama C, Gazdar AF.](#) Related Articles, Links  
Correlation of intrinsic chemoresistance of non-small-cell lung cancer cell lines with HER-2/neu gene expression but not with ras gene mutations.  
J Natl Cancer Inst. 1993 Jun 2;85(11):897-901.  
PMID: 8098377 [PubMed - indexed for MEDLINE]
- 180: [Liu TH, Liu HR, Lu ZL, Wang ZY, Cao Y, Chen J, Wang Y.](#) Related Articles, Links  
Thoracic ectopic ACTH-producing tumors with Cushing's syndrome.  
Zentralbl Pathol. 1993 Jun;139(2):131-9.  
PMID: 8396417 [PubMed - indexed for MEDLINE]
- 181: [Kiura K, Ohnoshi T, Tabata M, Shibayama T, Kimura I.](#) Related Articles, Links  
Establishment of an adriamycin-resistant subline of human small cell lung cancer showing multifactorial mechanisms of resistance.  
Acta Med Okayama. 1993 Jun;47(3):191-7.  
PMID: 8104372 [PubMed - indexed for MEDLINE]
- 182: [Zaman GJ, Versantvoort CH, Smit JJ, Eijdemans EW, de Haas M, Smith AJ, Broxterman HJ, Mulder NH, de Vries EG, Baas F, et al.](#) Related Articles, Links  
Analysis of the expression of MRP, the gene for a new putative transmembrane drug transporter, in human multidrug resistant lung cancer cell lines.  
Cancer Res. 1993 Apr 15;53(8):1747-50.  
PMID: 8467491 [PubMed - indexed for MEDLINE]
- 183: [Shinagawa K, Imajo K, Tada S, Tsubota T, Kimura I.](#) Related Articles, Links  
Overexpression of interleukin-2 receptor alpha mRNA in pulmonary lymphocytes of lung cancer patients associated with interstitial pulmonary shadow.  
Acta Med Okayama. 1993 Apr;47(2):73-8.  
PMID: 8506752 [PubMed - indexed for MEDLINE]
- 184: [Westra WH, Offerhaus GJ, Goodman SN, Slebos RJ, Polak M, Baas IO, Rodenhuis S, Hruban RH.](#) Related Articles, Links  
Overexpression of the p53 tumor suppressor gene product in primary lung adenocarcinomas is associated with cigarette smoking.  
Am J Surg Pathol. 1993 Mar;17(3):213-20.  
PMID: 8434702 [PubMed - indexed for MEDLINE]
- 185: [Liu C, Tsao MS.](#) Related Articles, Links

- Proto-oncogene and growth factor/receptor expression in the establishment of primary human non-small cell lung carcinoma cell lines.  
Am J Pathol. 1993 Feb;142(2):413-23.  
PMID: 8382008 [PubMed - indexed for MEDLINE]
- 186: Cole SP, Bhardwaj G, Gerlach JH, Mackie JE, Grant CE, Almquist KC, Stewart AJ, Kurz EU, Duncan AM, Deeley RG. Related Articles, Links  
Overexpression of a transporter gene in a multidrug-resistant human lung cancer cell line.  
Science. 1992 Dec 4;258(5088):1650-4. Erratum in: Science. 1993 May 14;260(5110):879.  
PMID: 1360704 [PubMed - indexed for MEDLINE]
- 187: Takigawa N, Ohnoshi T, Ueoka H, Kiura K, Kimura I. Related Articles, Links  
Establishment and characterization of an etoposide-resistant human small cell lung cancer cell line.  
Acta Med Okayama. 1992 Jun;46(3):203-12.  
PMID: 1354408 [PubMed - indexed for MEDLINE]
- 188: Tervahauta AI, Svrjanen SM, Kallio PJ, Syrjanen KJ. Related Articles, Links  
Immunohistochemistry, in situ hybridization and polymerase chain reaction (PCR) in detecting c-myc expression in human malignancies.  
Anticancer Res. 1992 May-Jun;12(3):1005-11.  
PMID: 1622111 [PubMed - indexed for MEDLINE]
- 189: Wada C, Kasai K, Kameya T, Ohtani H. Related Articles, Links  
A general transcription initiation factor, human transcription factor IID, overexpressed in human lung and breast carcinoma and rapidly induced with serum stimulation.  
Cancer Res. 1992 Jan 15;52(2):307-13.  
PMID: 1728404 [PubMed - indexed for MEDLINE]
- 190: Nygren P, Larsson R, Gruber A, Peterson C, Bergh J. Related Articles, Links  
Doxorubicin selected multidrug-resistant small cell lung cancer cell lines characterised by elevated cytoplasmic Ca<sup>2+</sup> and resistance modulation by verapamil in absence of P-glycoprotein overexpression.  
Br J Cancer. 1991 Dec;64(6):1011-8.  
PMID: 1684906 [PubMed - indexed for MEDLINE]
- 191: Kasahara K, Fujiwara Y, Nishio K, Ohmori T, Sugimoto Y, Komiya K, Matsuda T, Saito N. Related Articles, Links  
Metallothionein content correlates with the sensitivity of human small cell lung cancer cell lines to cisplatin.  
Cancer Res. 1991 Jun 15;51(12):3237-42.  
PMID: 1645616 [PubMed - indexed for MEDLINE]
- 192: Gazzeri S, Brambilla E, Jacrot M, Chauvin C, Benabid AL, Brambilla C. Related Articles, Links  
Activation of myc gene family in human lung carcinomas and during heterotransplantation into nude mice.  
Cancer Res. 1991 May 15;51(10):2566-71.  
PMID: 1850659 [PubMed - indexed for MEDLINE]
- 193: Gazzeri S, Brambilla E, Chauvin C, Jacrot M, Benabid AL, Brambilla C. Related Articles, Links  
Analysis of the activation of the myc family oncogene and of its stability over time in xenografted human lung carcinomas.  
Cancer Res. 1990 Mar 1;50(5):1566-70.  
PMID: 2154327 [PubMed - indexed for MEDLINE]

194: Rivera RT, Pasion SG, Wong DT, Fei YB, Biswas DK.

[Related Articles](#), [Links](#)

Loss of tumorigenic potential by human lung tumor cells in the presence of antisense RNA specific to the ectopically synthesized alpha subunit of human chorionic gonadotropin.  
J Cell Biol. 1989 Jun;108(6):2423-34.  
PMID: 2472407 [PubMed - indexed for MEDLINE]

195: Krystal G, Birrer M, Way J, Nau M, Sausville E, Thompson C, Minna J, Battey J.

[Related Articles](#), [Links](#)

Multiple mechanisms for transcriptional regulation of the myc gene family in small-cell lung cancer.  
Mol Cell Biol. 1988 Aug;8(8):3373-81.  
PMID: 2850489 [PubMed - indexed for MEDLINE]

[Display](#) [Summary](#) Show: [500](#) [Sort](#) [Send to](#) [Text](#)

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Feb 25 2005 07:07:33



National  
Library  
of Medicine



My NC

[Sign In] [Registe]

[Entrez](#)   [PubMed](#)   [Nucleotide](#)   [Protein](#)   [Genome](#)   [Structure](#)   [CMM](#)   [PMC](#)   [Journals](#)   [Books](#)

 Search  for   
 
[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)
  Show:  Sort  Send to  Text

 All: 1 Review: 1 
[About Entrez](#)[Text Version](#)[Entrez PubMed](#)[Overview](#)[Help | FAQ](#)[Tutorial](#)[New/Noteworthy](#)[E-Utilities](#)[PubMed Services](#)[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[LinkOut](#)[My NCBI \(Cubby\)](#)[Related Resources](#)[Order Documents](#)[NLM Catalog](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#)
 1: Curr Opin Oncol. 2000 Jan;12(1):82-8.

Related Articles, Links



### Aneuploidy and cancer.

**Sen S.**

University of Texas, M.D. Anderson Cancer Center, Department of Laboratory Medicine, Houston 77030, USA. ssen@mdanderson.org

Numeric aberrations in chromosomes, referred to as aneuploidy, is commonly observed in human cancer. Whether aneuploidy is a cause or consequence of cancer has long been debated. Three lines of evidence now make a compelling case for aneuploidy being a discrete chromosome mutation event that contributes to malignant transformation and progression process. First, precise assay of chromosome aneuploidy in several primary tumors with *in situ* hybridization and comparative genomic hybridization techniques have revealed that specific chromosome aneusomies correlate with distinct tumor phenotypes. Second, aneuploid tumor cell lines and *in vitro* transformed rodent cells have been reported to display an elevated rate of chromosome instability, thereby indicating that aneuploidy is a dynamic chromosome mutation event associated with transformation of cells. Third, and most important, a number of mitotic genes regulating chromosome segregation have been found mutated in human cancer cells, implicating such mutations in induction of aneuploidy in tumors. Some of these gene mutations, possibly allowing unequal segregations of chromosomes, also cause tumorigenic transformation of cells *in vitro*. In this review, the recent publications investigating aneuploidy in human cancers, rate of chromosome instability in aneuploidy tumor cells, and genes implicated in regulating chromosome segregation found mutated in cancer cells are discussed.

#### Publication Types:

- Review
- Review, Tutorial

PMID: 10687734 [PubMed - indexed for MEDLINE]

  Show:  Sort  Send to  Text

[Write to the Help Desk](#)

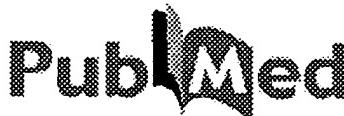
[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Feb 23 2005 11:00:20

h cb h g e e e fcg c e e e b b e b c



National  
Library  
of Medicine  
NLM

My NC  
[Sign In] [Regis]

Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search  for

Limits Preview/Index History Clipboard Details

Show:

About Entrez

[Text Version](#)

[Entrez PubMed](#)

[Overview](#)

[Help | FAQ](#)

[Tutorial](#)

[New/Noteworthy](#)

[E-Utilities](#)

[PubMed Services](#)

[Journals Database](#)

[MeSH Database](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[LinkOut](#)

[My NCBI \(Cubby\)](#)

[Related Resources](#)

[Order Documents](#)

[NLM Catalog](#)

[NLM Gateway](#)

[TOXNET](#)

[Consumer Health](#)

[Clinical Alerts](#)

[ClinicalTrials.gov](#)

[PubMed Central](#)

Items 1 - 5 of 5

One page.

1: [Hu ZZ, Mani I, Hermoso V, Liu H, Wu CH.](#)

[Related Articles](#), [Links](#)

[iProLINK: an integrated protein resource for literature mining.](#)

*Comput Biol Chem. 2004 Dec;28(5-6):409-16.*

PMID: 15556482 [PubMed - indexed for MEDLINE]

2: [Wu W, Hu W, Kavanagh JL.](#)

[Related Articles](#), [Links](#)

[Proteomics in cancer research.](#)

*Int J Gynecol Cancer. 2002 Sep-Oct;12(5):409-23. Review.*

PMID: 12366655 [PubMed - indexed for MEDLINE]

3: [Braun P, Hu Y, Shen B, Halleck A, Koundinya M, Harlow E, LaBaer J.](#)

[Related Articles](#), [Links](#)

[Proteome-scale purification of human proteins from bacteria.](#)

*Proc Natl Acad Sci U S A. 2002 Mar 5;99(5):2654-9.*

PMID: 11880620 [PubMed - indexed for MEDLINE]

4: [Korke R, Rink A, Seow TK, Chung MC, Beattie CW, Hu WS.](#)

[Related Articles](#), [Links](#)

[Genomic and proteomic perspectives in cell culture engineering.](#)

*J Biotechnol. 2002 Mar 14;94(1):73-92. Review.*

PMID: 11792453 [PubMed - indexed for MEDLINE]

5: [Mrowka R, Patzak A, Herzel H.](#)

[Related Articles](#), [Links](#)

[Is there a bias in proteome research?](#)

*Genome Res. 2001 Dec;11(12):1971-3.*

PMID: 11731485 [PubMed - indexed for MEDLINE]

Show:

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Feb 23 2005 11:00:26



National  
Library  
of Medicine NLM

My NC  
[Sign In] [Regis]

Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search  for

Show:

All: 2 Review: 0

Items 1 - 2 of 2

One page.

1: [Hu Y, Hines LM, Weng H, Zuo D, Rivera M, Richardson A, LaBaer J](#) [Related Articles](#), [Links](#)

[Analysis of genomic and proteomic data using advanced literature mining.](#)  
*J Proteome Res.* 2003 Jul-Aug;2(4):405-12.  
 PMID: 12938930 [PubMed - indexed for MEDLINE]

2: [Rejtar T, Hu P, Juhasz P, Campbell JM, Vestal ML, Preisler J, Karger BL](#) [Related Articles](#), [Links](#)

[Off-line coupling of high-resolution capillary electrophoresis to MALDI-TOF and TOF/TOF MS.](#)  
*J Proteome Res.* 2002 Mar-Apr;1(2):171-9.  
 PMID: 12643537 [PubMed - indexed for MEDLINE]

About Entrez

[Text Version](#)

Entrez PubMed

[Overview](#)

[Help | FAQ](#)

[Tutorial](#)

[New/Noteworthy](#)

[E-Utilities](#)

PubMed Services

[Journals Database](#)

[MeSH Database](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[LinkOut](#)

[My NCBI \(Cubby\)](#)

Related Resources

[Order Documents](#)

[NLM Catalog](#)

[NLM Gateway](#)

[TOXNET](#)

[Consumer Health](#)

[Clinical Alerts](#)

[ClinicalTrials.gov](#)

[PubMed Central](#)

[Write to the Help Desk](#)

[NCBI | NLM | NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Feb 23 2005 11:00:20



National  
Library  
of Medicine



My NCE

[\[Sign In\]](#) [\[Register\]](#)

Entrez	PubMed	Nucleotide	Protein	Genome	Structure	OMM	PMC	Journals	Books
Search <input type="text" value="PubMed"/>				for <input type="text"/>		<input type="button" value="Go"/>	<input type="button" value="Clear"/>		

Limits Preview/Index History Clipboard Details

Display Abstract Show: 20 Sort Send to Text

All: 1 Review: 0

[About Entrez](#)
[Text Version](#)
[Entrez PubMed](#)
[Overview](#)
[Help | FAQ](#)
[Tutorial](#)
[New/Noteworthy](#)
[E-Utilities](#)
[PubMed Services](#)
[Journals Database](#)
[MeSH Database](#)
[Single Citation Matcher](#)
[Batch Citation Matcher](#)
[Clinical Queries](#)
[LinkOut](#)
[My NCBI \(Cubby\)](#)
[Related Resources](#)
[Order Documents](#)
[NLM Catalog](#)
[NLM Gateway](#)
[TOXNET](#)
[Consumer Health](#)
[Clinical Alerts](#)
[ClinicalTrials.gov](#)
[PubMed Central](#)

1: J Proteome Res. 2003 Jul-Aug;2(4):405-12.

[Related Articles, Links](#)

## Analysis of genomic and proteomic data using advanced literature mining.

**Hu Y, Hines LM, Weng H, Zuo D, Rivera M, Richardson A, LaBaer J.**

Institute of Proteomics, Harvard Medical School-BCMP, 240 Longwood Avenue, Boston, Massachusetts 02115, USA.

High-throughput technologies, such as proteomic screening and DNA microarrays, produce vast amounts of data requiring comprehensive analytical methods to decipher the biologically relevant results. One approach would be to manually search the biomedical literature; however, this would be an arduous task. We developed an automated literature-mining tool, termed MedGene, which comprehensively summarizes and estimates the relative strengths of all human gene-disease relationships in Medline. Using MedGene, we analyzed a novel micro-array expression dataset comparing breast cancer and normal breast tissue in the context of existing knowledge. We found no correlation between the strength of the literature association and the magnitude of the difference in expression level when considering changes as high as 5-fold; however, a significant correlation was observed ( $r = 0.41$ ;  $p = 0.05$ ) among genes showing an expression difference of 10-fold or more. Interestingly, this only held true for estrogen receptor (ER) positive tumors, not ER negative. MedGene identified a set of relatively understudied, yet highly expressed genes in ER negative tumors worthy of further examination.

PMID: 12938930 [PubMed - indexed for MEDLINE]

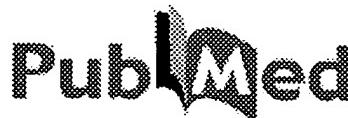
Display Abstract Show: 20 Sort Send to Text

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)



National  
Library  
of Medicine  
NLM

My NC  
[Sign In] [Regis]

Entrez	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	PMC	Journals	Book
Search	PubMed			for Sen AND 2000 AND Aneuploidy			Go!	Clear	Save Sea

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to Text

All: 4 Review: 1

Items 1 - 4 of 4

One page.

1: [Liu S, Zheng L, Deng L, Tang G, Zhang Q.](#)

Related Articles, Links

[Detection of numerical chromosome aberrations in sperm of workers exposed to benzene series by two-color fluorescence in situ hybridization]  
Zhonghua Yu Fang Yi Xue Za Zhi. 2000 Jan;34(1):17-9. Chinese.  
PMID: 11860889 [PubMed - indexed for MEDLINE]

2: [Sen F, Zhang XX, Prieto VG, Shea CR, Qumsiyeh MB.](#)

Related Articles, Links

Increased incidence of trisomy 8 in acute myeloid leukemia with skin infiltration (leukemia cutis).  
Diagn Mol Pathol. 2000 Dec;9(4):190-4.  
PMID: 11129442 [PubMed - indexed for MEDLINE]

3: [Zheng L, Liu S, Deng L, Zhang Q.](#)

Related Articles, Links

[Using the method of two-color fluorescence in situ hybridization to detect aneuploidy of human sperms]  
Zhonghua Yi Xue Yi Chuan Xue Za Zhi. 1999 Apr;16(2):116-8. Chinese.  
PMID: 10194261 [PubMed - indexed for MEDLINE]

4: [Sen S.](#)

Related Articles, Links

Aneuploidy and cancer.

Curr Opin Oncol. 2000 Jan;12(1):82-8. Review.  
PMID: 10687734 [PubMed - indexed for MEDLINE]

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)



National  
Library  
of Medicine



My NCE

[Sign In] [Register]

Entrez	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	PMC	Journals	Books
Search <b>PubMed</b>			for			<input type="button" value="Go"/> <input type="button" value="Clear"/>			

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

[Display](#) **Abstract** Show: **20** [Sort](#) [Send to](#) [Text](#)

All: 1 Review: 1

About Entrez

[Text Version](#)

Entrez PubMed

[Overview](#)

[Help | FAQ](#)

[Tutorial](#)

[New/Noteworthy](#)

[E-Utilities](#)

PubMed Services

[Journals Database](#)

[MeSH Database](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[LinkOut](#)

[My NCBI \(Cubby\)](#)

Related Resources

[Order Documents](#)

[NLM Catalog](#)

[NLM Gateway](#)

[TOXNET](#)

[Consumer Health](#)

[Clinical Alerts](#)

[ClinicalTrials.gov](#)

[PubMed Central](#)

**1**: Curr Opin Oncol. 2000 Jan;12(1):82-8.

[Related Articles](#), [Links](#)



## Aneuploidy and cancer.

Sen S.

University of Texas, M.D. Anderson Cancer Center, Department of Laboratory Medicine, Houston 77030, USA. ssen@mdanderson.org

Numeric aberrations in chromosomes, referred to as aneuploidy, is commonly observed in human cancer. Whether aneuploidy is a cause or consequence of cancer has long been debated. Three lines of evidence now make a compelling case for aneuploidy being a discrete chromosome mutation event that contributes to malignant transformation and progression process. First, precise assay of chromosome aneuploidy in several primary tumors with *in situ* hybridization and comparative genomic hybridization techniques have revealed that specific chromosome aneusomies correlate with distinct tumor phenotypes. Second, aneuploid tumor cell lines and *in vitro* transformed rodent cells have been reported to display an elevated rate of chromosome instability, thereby indicating that aneuploidy is a dynamic chromosome mutation event associated with transformation of cells. Third, and most important, a number of mitotic genes regulating chromosome segregation have been found mutated in human cancer cells, implicating such mutations in induction of aneuploidy in tumors. Some of these gene mutations, possibly allowing unequal segregations of chromosomes, also cause tumorigenic transformation of cells *in vitro*. In this review, the recent publications investigating aneuploidy in human cancers, rate of chromosome instability in aneuploid tumor cells, and genes implicated in regulating chromosome segregation found mutated in cancer cells are discussed.

### Publication Types:

- Review
- Review, Tutorial

PMID: 10687734 [PubMed - indexed for MEDLINE]

[Display](#) **Abstract** Show: **20** [Sort](#) [Send to](#) [Text](#)

[Write to the Help Desk](#)

h

cb

hg

e

e

e

fcg

c

e

e

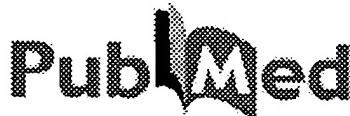
b

b

e

b

c



National  
Library  
of Medicine  
NLM

My NC  
[Sign In] [Regis]

Entrez PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Book

Search PubMed

for Haynes AND 1998 AND electrophoresis

Go

Clear

Save Sea

Limits Preview/Index History Clipboard Details

Display Summary

Show: 20

Sort

Send to Text

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

My NCBI (Cubby)

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

Items 1 - 8 of 8

One page

1: Miller I, Haynes P, Eberini I, Gemeiner M, Aebersold R, Gianazza E. Related Articles, Links

Proteins of rat serum: III. Gender-related differences in protein concentration under baseline conditions and upon experimental inflammation as evaluated by two-dimensional electrophoresis.  
Electrophoresis. 1999 Apr-May;20(4-5):836-45. Erratum in: Electrophoresis 1999 Dec;20(18):3685.  
PMID: 10344256 [PubMed - indexed for MEDLINE]

2: Ducret A, Bartone N, Haynes PA, Blanchard A, Aebersold R. Related Articles, Links

A simplified gradient solvent delivery system for capillary liquid chromatography-electrospray ionization mass spectrometry.  
Anal Biochem. 1998 Dec 1;265(1):129-38.  
PMID: 9866717 [PubMed - indexed for MEDLINE]

3: Haynes PA, Gygi SP, Figge D, Aebersold R. Related Articles, Links

Proteome analysis: biological assay or data archive?  
Electrophoresis. 1998 Aug;19(11):1862-71. Review.  
PMID: 9740046 [PubMed - indexed for MEDLINE]

4: Miller I, Haynes P, Gemeiner M, Aebersold R, Manzoni C, Lovati MR, Vignati M, Eberini I, Gianazza E. Related Articles, Links

Proteins of rat serum: II. Influence of some biological parameters of the two-dimensional electrophoresis pattern.  
Electrophoresis. 1998 Jun;19(8-9):1493-500.  
PMID: 9694301 [PubMed - indexed for MEDLINE]

5: Haynes P, Miller I, Aebersold R, Gemeiner M, Eberini I, Lovati MR, Manzoni C, Vignati M, Gianazza E. Related Articles, Links

Proteins of rat serum: I. Establishing a reference two-dimensional electrophoresis map by immunodetection and microbore high performance liquid chromatography-electrospray mass spectrometry.  
Electrophoresis. 1998 Jun;19(8-9):1484-92.  
PMID: 9694300 [PubMed - indexed for MEDLINE]

6: Haynes PA, Fripp N, Aebersold R. Related Articles, Links

Identification of gel-separated proteins by liquid chromatography-electrospray tandem mass spectrometry: comparison of methods and their limitations.  
Electrophoresis. 1998 May;19(6):939-45.  
PMID: 9638940 [PubMed - indexed for MEDLINE]

7: Haynes JL 3rd, Shamsi SA, O'Keefe F, Darcey R, Warner IM. Related Articles, Links

Cationic beta-cyclodextrin derivative for chiral separations.  
J Chromatogr A. 1998 Apr 17;803(1-2):261-71.  
PMID: 9604336 [PubMed - indexed for MEDLINE]

8: [Gilfillan GD, Sullivan DJ, Haynes K, Parkinson T, Coleman DC, Gow NA.](#) [Related Articles](#), [Links](#)

 **Candida dubliniensis: phylogeny and putative virulence factors.**  
*Microbiology*. 1998 Apr;144 ( Pt 4):829-38.  
PMID: 9579058 [PubMed - indexed for MEDLINE]

[Display](#) [Summary](#) Show: [20](#) [Sort](#) [Send to](#) [Text](#)

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

Department of Health & Human Services

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Feb 23 2005 11:00:20



National  
Library  
of Medicine NLM

[My NCE](#)  
[\[Sign In\]](#) [\[Register\]](#)

Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books  
 Search **PubMed** for

Limits Preview/Index History Clipboard Details

About Entrez **Display** Abstract Show: **20** Sort    
 Review: **1**

Entrez PubMed  
 Overview  
[Help | FAQ](#)  
[Tutorial](#)  
[New/Noteworthy](#)  
[E-Utilities](#)

PubMed Services  
 Journals Database  
 MeSH Database  
 Single Citation Matcher  
 Batch Citation Matcher  
 Clinical Queries  
 LinkOut  
 My NCBI (Cubby)

Related Resources  
 Order Documents  
 NLM Catalog  
 NLM Gateway  
 TOXNET  
 Consumer Health  
 Clinical Alerts  
 ClinicalTrials.gov  
 PubMed Central

**□ 1: Electrophoresis. 1998 Aug;19(11):1862-71.** [Related Articles](#), [Links](#)

## Proteome analysis: biological assay or data archive?

**Haynes PA, Gygi SP, Figgeys D, Aebersold R.**

Department of Molecular Biotechnology, University of Washington, Seattle 98195, USA.

In this review we examine the current state of proteome analysis. There are three main issues discussed: why it is necessary to study proteomes; how proteomes can be analyzed with current technology; and how proteome analysis can be used to enhance biological research. We conclude that proteome analysis is an essential tool in the understanding of regulated biological systems. Current technology, while still mostly limited to the more abundant proteins, enables the use of proteome analysis both to establish databases of proteins present, and to perform biological assays involving measurement of multiple variables. We believe that the utility of proteome analysis in future biological research will continue to be enhanced by further improvements in analytical technology.

### Publication Types:

- Review
- Review, Tutorial

PMID: 9740046 [PubMed - indexed for MEDLINE]

**Display** Abstract Show: **20** Sort

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)



FILE 'CROPB' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'CROPU' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'DDFB' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'DISSABS' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 ProQuest Information and Learning Company; All Rights Reserved.

FILE 'DRUGB' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'DRUGMONOG2' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'EMBAL' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 15:21:50 ON 28 FEB 2005

FILE 'FOMAD' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 International Food Information Service

FILE 'GENBANK' ENTERED AT 15:21:50 ON 28 FEB 2005

FILE 'HEALSAFE' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSDRUGNEWS' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 IMSWORLD Publications Ltd

FILE 'IMSPRODUCT' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 IMSWORLD Publications Ltd

FILE 'IMSRESEARCH' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 15:21:50 ON 28 FEB 2005  
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (c) 2005 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 15:21:50 ON 28 FEB 2005

FILE 'NIOSHTIC' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 15:21:50 ON 28 FEB 2005

Compiled and distributed by the NTIS, U.S. Department of Commerce.  
It contains copyrighted material.

All rights reserved. (2005)

FILE 'NUTRACEUT' ENTERED AT 15:21:50 ON 28 FEB 2005

Copyright 2005 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'OCEAN' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 15:21:50 ON 28 FEB 2005

Any reproduction or dissemination in part or in full,  
by means of any process and on any support whatsoever  
is prohibited without the prior written agreement of INIST-CNRS.  
COPYRIGHT (C) 2005 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 WIPO

FILE 'PHAR' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 T&F Informa UK Ltd.

FILE 'PHARMAML' ENTERED AT 15:21:50 ON 28 FEB 2005

Copyright 2005 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 T&F Informa UK Ltd.

FILE 'PHIN' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 T&F Informa UK Ltd.

FILE 'PROMT' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Gale Group. All rights reserved.

FILE 'PROUSDDR' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Prous Science

FILE 'PS' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Thieme on STN

FILE 'RDISCLOSURE' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 15:21:50 ON 28 FEB 2005

Copyright (c) 2005 The Thomson Corporation

FILE 'SYNTHLINE' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Prous Science

FILE 'TOXCENTER' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 ACS

FILE 'USPATFULL' ENTERED AT 15:21:50 ON 28 FEB 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:21:50 ON 28 FEB 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'VETU' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'WATER' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

FILE 'WPIDS' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'WPIFV' ENTERED AT 15:21:50 ON 28 FEB 2005

COPYRIGHT (C) 2005 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> S lung tumor  
22 FILES SEARCHED...  
40 FILES SEARCHED...  
66 FILES SEARCHED...  
L1 138644 LUNG TUMOR

=> S L1 AND overexpression  
45 FILES SEARCHED...  
67 FILES SEARCHED...  
L2 3822 L1 AND OVEREXPRESSION

=> S L2 AND human  
17 FILES SEARCHED...  
26 FILES SEARCHED...  
53 FILES SEARCHED...  
71 FILES SEARCHED...  
L3 3580 L2 AND HUMAN

=> S L3 AND mRNA  
34 FILES SEARCHED...  
L4 2832 L3 AND MRNA

=> DUP REM L4  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGMONOG2, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, IMSRESEARCH, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING IS APPROXIMATELY 40% COMPLETE FOR L4  
PROCESSING IS APPROXIMATELY 74% COMPLETE FOR L4  
PROCESSING COMPLETED FOR L4  
L5 2611 DUP REM L4 (221 DUPLICATES REMOVED)  
STN INTERNATIONAL LOGOFF AT 15:32:38 ON 28 FEB 2005